

FOOTPRINT

ALGERIA · ANGOLA · BOTSWANA · CAMEROON · DJIBOUTI · EGYPT · ETHIOPIA · GHANA · IVORY COAST · KENYA · MOROCCO · MOZAMBIQUE · NAMIBIA · NIGERIA · RWANDA · SENEGAL · SOUTH AFRICA · TANZANIA · TUNISIA · UGANDA

INNOVATIVE & SUSTAINABLE

NEW PRODUCTS
DIGITALIZATION
ACQUISITIONS
SUSTAINABLE SOLUTIONS

PRESENCE

COMMUNITY ENGAGEMENT PEOPLE CUSTOMER CENTRICITY SIKA ACADEMY IN AFRICA



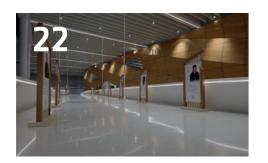
WHAT'S NEW #7 2023

EDITORIAL



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Dear readers.

One of the major challenges for Africa is related to demographic growth. Infrastructures and overall building facilities need development to secure efficient and sustainable growth. There is a huge potential in the construction sector focusing on ongoing megacities projects and key areas such as health, education, water supply, transportation and power generation.

In Africa, Sika keeps investing to expand and improve the footprint in a sustainable way, with people as a key pillar.

With almost 1,600 employees, in 16 countries, we continue empowering our local teams by offering continuous training aligned with market development needs. Our presence in key projects with innovative solutions shows that Sika in Africa, overcome challenging site and customer' require-

In this edition, we intent to bring an overview on our priority initiatives and actions in terms of innovation, sustainability, community engagement and customer centricity perspective.

In 2023, Sika has completed the acquisition of MBCC Group enlarging its reach and footprint. With this valuable synergy, Sika strengthens its presence across the region, with strong combined teams, range of products and services in construction life cycle. Together with MBCC we aim to drive further and faster the sustainable transformation of the construction industry.

JEAN DE MARTRES, Africa Area Manager



We will continue to build on Sika's approach toward Leadership Commitment and associated skills. Entrepreneurial spirit is one of them, which we extensively spread and develop in Africa to attract and motivate talents, encourage innovation and focus on achieving excellence every day. Our annual Africa Innovation Challenge illustrates this and give a platform to all new ideas.

Our strategy in Africa is about presence, market leadership and sustainable development. We will continue to invest in our people and stakeholders to achieve this target, to strengthen local organizations with a complete service offer.

We are engaged to be next to you.

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SOUTH AFRICA

PIONEER FOODS SILOS



PROJECT DESCRIPTION

Sitting within its Essential Foods division, the Grains business unit prides itself on supplying foods of exceptional quality that are safe, nutritious and trusted by millions of consumers every day. As the result of an acquisition in March 2020, Pioneer Food Group (Pty) Ltd was acquired by PepsiCo Inc. via local wholly-owned subsidiary Simba (Pty) Ltd.

PROJECT SPECIFICATIONS

The insights gained from this investigation enabled the engineers to design and develop a complete silo rehabilitation repair methodology. The decision was to repair the entire silo complex, utilising external structural reinforcement methods, along with various types of mortars, epoxies and protective coatings.

After assessing the original diagnostic survey and rehabilitation proposals, as well as trialling various product options, the team decided that Sika's innovative products were the best-performing solutions for this project. LNW was appointed as the consulting engineers and project managers, and Sika products were specified on the tender. Redec industrial and engineering solutions, a specialised contractor, was appointed as the successful applicant.

Pioneer Foods detected large vertical cracks in its grain silos of the Malmesbury Mill silo complex in 2018, they appointed LNW Consulting Engineers and Project Managers to investigate and determine the structural integrity and remaining lifecycle of the silo complex. Once the investigation was completed, LNW were directed to refurbish the silos to ensure the high standards Pioneer Foods promises its customers.

As the work was to be done in an operational grain silo storage facility, it was crucial to select products that posed no risk of food contamination nor any other health and safety risks to the applicators. The silo storage levels had to be constantly monitored as repair work took place, and silos needing internal work had to be emptied. As the silos are situated next to Malmesbury, innovative preparation techniques had to be adopted to minimise dust pollution.

SIKA SOLUTIONS

Concrete repair method:

Because all the repairs were vertically orientated, the repair method had to make use of either trowel-applied mortars, or a letterbox shutter and pour system. It was decided that SikaTop® Armatec®-110 EpoCem® would be used as the primary rebar protective coating for the concrete repairs, protecting the steel reinforcement and inhibiting corrosion.

SikaTop® Armatec®-110 EpoCem® and Sika MonoTop®-610 were used as bonding primers for the concrete substrate. Sika MonoTop®-615HB was utilised as an R4 high build repair and re-profiling mortar and chosen for its easy application and compaction, enabling a quicker application rate.

Due to the age of the structure and its low concrete compressive strength, there was a large amount of cracking, which had to be rheem open, stitched and repaired. Some of the minor cracks were saw cut and sealed with the Sikaflex® PRO-3.

Protective coatings:

Due to the current state and surface imperfections of the concrete, Sikalastic®-152 was chosen for waterproofing and concrete protection and was applied on the entire external surface as a protective coating.

The Sikalastic®-152 was trowel applied in 2 coats of +-1.5 mm thickness per coat. The first coat was applied horizontally, and the second coat vertically.

The Sikagard®-550 W Elastic and Sikagard®-550 W Primer were chosen as the most ideal protective coating systems for the external concrete soffits, due to their excellent crack-bridging properties even at low temperatures.

For minor cracks, the Sika® Primer-3 N - an epoxy primer for porous substrates and the Sikaflex® PRO-3 were uti-

The Sikadur-Combiflex® SG-20 P joint and crack sealing bandage system, was applied over all expansion joints to seal and waterproof. This Sika product uses the Sikadur®-31 DW structural epoxy as its adhesive for enhanced performance.



For crack repairs on the concrete roof slab floors, Sikadur®-43 ZA was used. This solvent-free, three-component repair and filling mortar was applied prior to application of the modified structural steel, which was fortified with the new SikaCem®- 810 additive.

SIKA PRODUCTS

- SikaTop® Armatec®-110 EpoCem®
- Sika MonoTop®-610
- Sika MonoTop®-615HB
- Sikaflex® PRO-3
- Sikalastic®-152
- Sikagard®-550 W Elastic
- Sikagard®-550 W Primer
- Sika® Primer-3 N
- Sikadur-Combiflex® SG-20 P
- Sikadur®-43 ZA
- SikaCem®-810

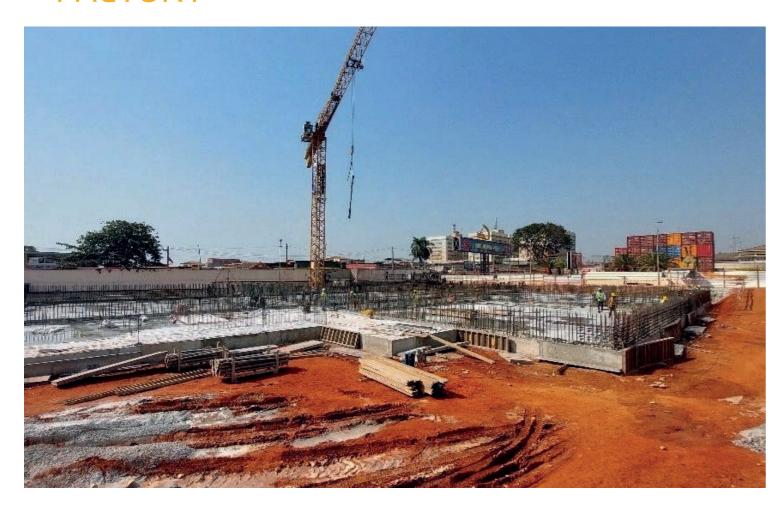
Owner: Pioneer Foods

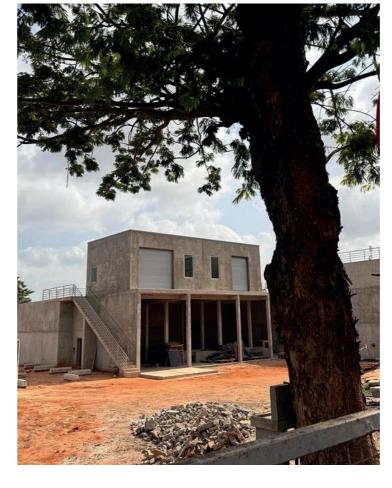
- Architect: I NW Consulting
- Engineer: LNW Consulting
- Main contractor: REDEC Industrial and Engineering Solutions

SIKA AT WORK SIKA AT WORK

ANGOLA

WASTE WATER TREATMENT PLANT CUCA **FACTORY**







The concrete was protected against chemical aggression

with the application of a Sikagard®-720 EpoCem® as a

temporary moisture barrier, followed by Sikagard®-63 N PT

as an epoxy-based coating, 100% solid, rigid but with a

crack bridge capacity of up to 0.5 mm when used as a lam-

PROJECT DESCRIPTION

WWTP CUCA Factory, as a project with a high impact on the protection of the environment as well as on sustainable development, the entities involved are aware about the relevance of this infrastructure as it treats wastewater of SIKA SOLUTIONS industrial origin to be safely disposed of to the population around the company's facilities. For this reason, the selection of solutions was done to ensure the best quality of the water to be reinserted in the hydrological cycle.

With very high abrasion and chemical demands, there was with the respective 20 mm backing rod and the primer, a need to place technically suitable solutions.

PROJECT SPECIFICATIONS

From the technical point of view, the Project Owner highlighted that the project consists of the implementation of the best processes, technologies, and equipment currently

existing in WWTP field. For the proposed solutions were required all approvals and certificates, according to current standards and meet the requirements for chemical resistance and compatibility of materials.

Floor joints sealing:

The system used in floor joints was a polyurethane-based sealant resistant to chemical attacks, Sikaflex® PRO-3, Sika® Primer-3 N. This solution was defined to respect the demands of chemical and mechanical resistance, and movement capacity up to ±35 %.

Expansion joints and cracks sealing:

For the sealing of static cracks and chemical resistance capacity, the Sikadur®-31 EF was used.

Where it was necessary to seal expansion joints, with waterproofing property and hydrostatic pressure, the Sikadur-Combiflex® SG-20 M and Sikadur-Combiflex® SG-10 M were used.

Sikadur-Combiflex® is a waterproof, flexible band based on modified polyolefin (FPO) with advanced adhesion properties. It has a red adhesive tape, removeable, for easy application on expansion joints. This system is EPAL approved for contact with drinking water.

SIKA PRODUCTS

- Sika MonoTop®-620 AO
- Sikadur-Combiflex® SG-20 M Sika® Primer-3 N
- Sikadur-Combiflex® SG-10 M Sika® Backing rod
- Sikagard®-720 EpoCem®
- Sikafloor®-150
- Sikagard®-63 N PT

■ Onwer: CUCA - Castle Group

Protective coating:

■ Designer: WaterLeau

inated system.

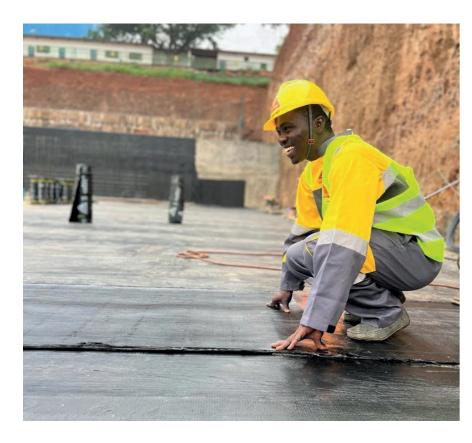
- General contractor: Casais Angola
- Site Engineer: Eng.° Nuno Cunha

- Sika Waterbar® A-24
- Sikadur®-31 EF

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GHANA

ACCRA, BANK OF GHANA

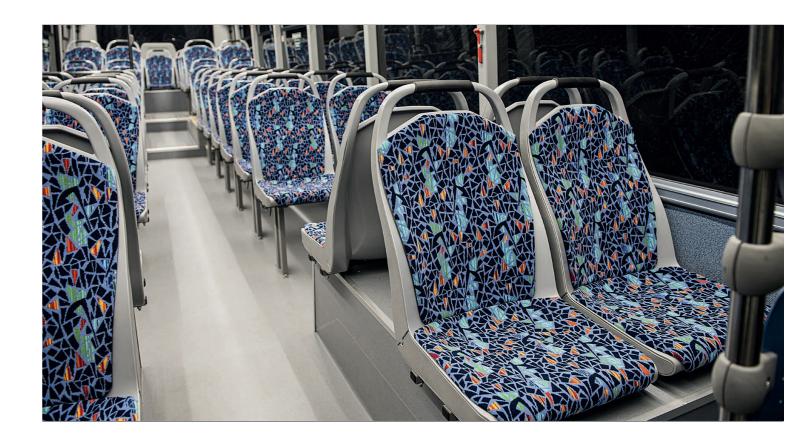






EGYPT

NEW FULLY ELECTRIC CITY BUS MCV (C120 EV)



PROJECT DESCRIPTION

Bank Of Ghana, is located in the capital Accra, construction start in 2022 and supposed to end by end of 2024. The project area is around 55,000 m² with high tower more than 20 floors.

PROJECT SPECIFICATIONS

Project specification required waterproofing system with at least 10 years warranty. The system composition was double layer bituminous membrane to stop underground water infiltration.

SIKA SOLUTIONS

SikaBit® PRO P-40-0 PE is an APP modified, bituminous, torch-applied, waterproofing membrane. It is reinforced with a dimensionally stable non-woven polyester inlay. The underside has a thin polyethylene burn-off film for easy application. This waterproofing membrane was installed on double layer with the use of SikaShield® Primer, as a water based modified bituminous primer which penetrates and activates the substrate was installed under the foundation and around the retaining walls all around the project.

Sika offered Sikaflex® technology which exactly met MCV requirements from sustainability, durability and safety to

MCV is an Egyptian market leader in manufacturing of

buses and coaches. Following the global trend of manu-

facturing green powered buses, MCV in collaboration with

Armored Production Ministry have launched on the Egyp-

tian roads its fully electric city bus MCV (C120 EV) that was

one of the leading electric vehicles participating in COP27

which was held In Sharm El-Sheikh, Egypt November 2022

this goes along with the Egyptian vision 2030 to reduce

greenhouse gases. Now these city buses will serve Cairo

and Alexandria public transportation.

PROJECT REQUIREMENTS

SIKA PRODUCTS

- Sikaflex®-263
- Sikaflex®-252
- Sikaflex®-221

PROJECT DESCRIPTION build the C120 EV city bus. Modern designs required larger side windows which necessitate an optimum solution for

Sika selection was also due to the fact of being an international brand name serving the transportation sector worldwide, providing technical support on both local and regional levels. Sika strives to create long-term benefits and added values for all its stakeholders.

SIKA SOLUTIONS

direct glazing and sealing.

Sika provides a wide range for adhesion, sealant, protection and sound damping; Sikaflex® system includes:

- Sikaflex®-263 is a direct-glazing adhesive with good ageing and weathering resistance.
- Sikaflex®-252 is an elastic adhesive for vehicle assembly bonding with the capability of vibration and sound damp-
- Sikaflex®-221 is a multi-purpose adhesive sealant that has a low odor and non-corrosive property.
- Owner: Cairo and Alexandria public transportations authority.
- Bus Design and Manufacturer: MCV and Armored Production Ministry.

SIKA PRODUCTS

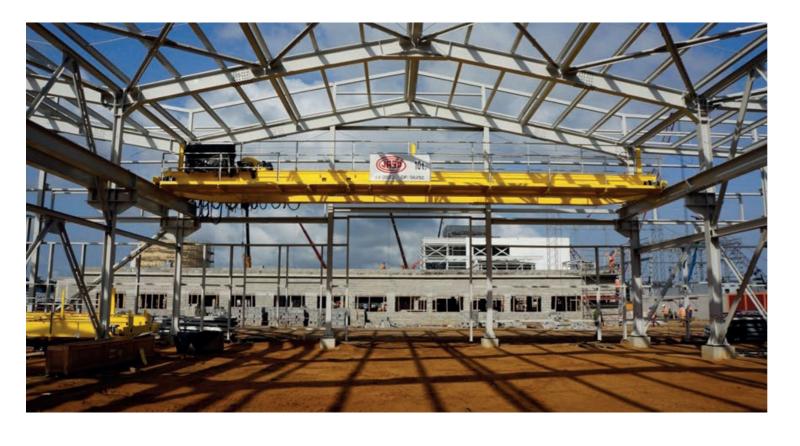
- Sikadur-Combiflex® SG system
- SikaBit® PRO P40 -0 PE 4mm
- SikaShield® Primer

- Owner: Bank Of Ghana
- Main contractor: Gold Key
- Sub contractor: China State Hualong Construction

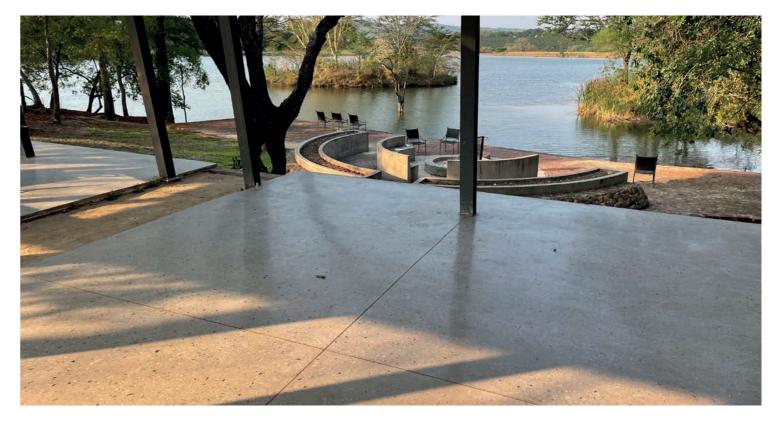
SOUTH AFRICA

IVORY COAST

ATINKOU GAS STATION



JINDILLI CAMPSITE



PROJECT DESCRIPTION

Construction of 390 MW gas-fired power plant in the center of Ivory Coast (Atinkou).

This project of Ivorian government's initiative meets Ivory in construction and civil engineering. Coast basic electricity generation needs.

It increases the country energetic exportation capacity in west Africa. The project is conducted in 2 phases: the construction of a 146 MW gas turbine and a 135 MW steam turbine and a heat recovery boiler.

PROJECT SPECIFICATIONS

Buried infrastructure waterproofing with soil saturated with water at shallow depths, the protection of buried parts is an important issue for this project.

■ SikaSwell® A

■ Sikadur®-31 EF

■ Sika® Bitume Fondation

SIKA PRODUCTS

- SikaGrout®-217 CI
- SikaGrout®-234 CI
- Sikaflex® PRO-11 FC

SIKA SOLUTIONS

■ Sika® Bitume Fondation

Waterproofing of foundations and underground structures

■ SikaGrout®-217 CI

High performance grouting and levelling mortar with compensated shrinkage.

Compliant with the NF EN 1504-6 (grouting) standard and P18-821 (levelling) standard

PROJECT PARTICIPANTS

■ Main contractor: TSK

PROJECT DESCRIPTION

Architect, Hermann Schnepel, was tasked by Jindilli Farm, to conceptualise and design a unique campsite that would accommodate two families for weekend getaways. The essence of the plan was to provide minimalistic essential support services for camping, without trespassing on the natural beauty of the surrounding farm. The reath-taking view across the water to the bird island needed to be preserved as the scenic backdrop to the camp. The sub-tropical climate in this region is conducive to outdoor living, so another objective criterion was to create a seamless transition from being under an open-plan style of cover one moment, to stepping out into the great outdoors the next. To ensure the optimal use of space, the supporting structures would include a boma, with outer stairs, a flat paved area to accommodate two tents, and a separate site for the lounge, kitchen and dining facilities.

SIKA PRODUCTS

Concrete admixture used:

■ SikaPlast® Stallion-2

SIKA SOLUTIONS

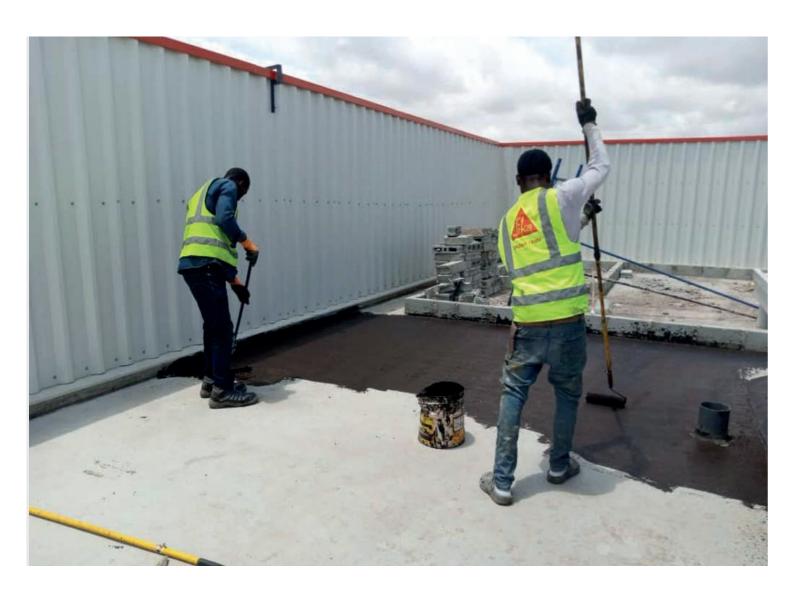
Special consideration was given to the amount of time a contractor would need to place the concrete, and certain traits of the concrete mix had to be assessed: flow rate, setting time, stripping times. The first morning on site was very warm and humid. Given that the conditions directly affect the workability retention of the concrete, delays in the placing were anticipated. Immediately, they consulted with Darius Herbst, Sika's concrete expert, for guidance on adapting the concrete mix design, and it delivered excellent results. Edge Readymix used SikaPlast® Stallion-2 admixture for all their concrete mixes. SikaPlast® Stallion-2 is a multi-purpose water reducer and superplasticizer, with long-lasting workability, and it utilises Sika's ViscoCrete® polycarboxylate polymer technology. A huge advantage that SikaPlast® Stallion-2 provided on this project was that the mix ratio could be changed to deliver the concrete 5 km away or 80 km away, depending on the workability retention required.

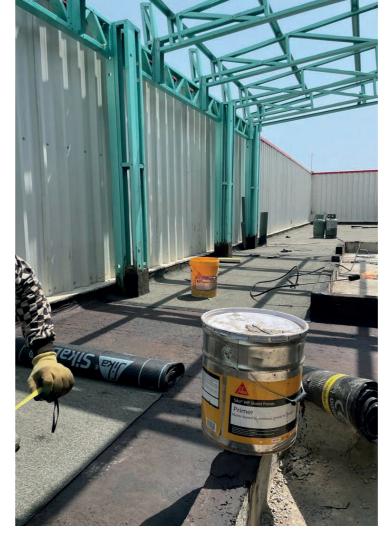
- Architect: Hermann Schnepel
- Main contractor: Ingwe Floors
- Readymix supplier: Edge Readymix

SIKA WHAT'S NEW #7 - September 2023 SIKA WHAT'S NEW #7 - September 2023 **SIKA AT WORK SIKA AT WORK**

GHANA

MELCOM SPINTEX OUTLET









PROJECT DESCRIPTION

Melcom Limited is Ghana's largest chain of retail department stores. Melcom maintains its position as the fastest growing chain store in Ghana, with 38 outlets spread throughout the country.

m² of shopping area, food court and retail stores.

The area is divided over basement and 2 floors with 15,000 m² each. This 35 M USD investment would be finally open for customers early in 2023.

Sika has been awarded the flooring job of 14,089 m² of Sika® EmotionFloor System along with the roofing and waterproofing of approx. 7,000 m² of SikaShield® membrane.

PROJECT SPECIFICATIONS

Their newest development is for Spintex outlet over 30,000 The customer requested for abrasion resistance, UV resistance, and impact resistance flooring system due to the heavy pedestrian traffic in the department store with a unique esthetic finishing.

SIKA SOLUTIONS

The Sika® EmotionFloor System gives an artistic touch to floor surfaces and walls, this is the perfect solution for the owners, the architects and interior designers who wish to create a strong unique layout and finishing for private and public areas. And it fulfills the technical and esthetic requirement of the client.

SIKA PRODUCTS

Sika® EmotionFloor System:

- SikaTop®-10
- SikaDecor®-801 Nature
- Sikafloor®-169
- Sikafloor®-304 W

Roofing & Waterproofing:

- Sika® WP Shield Primer ■ SikaBit® PRO P-40-0 MG
- SikaBit® PRO P-30-0
- SikaSwell® S-2

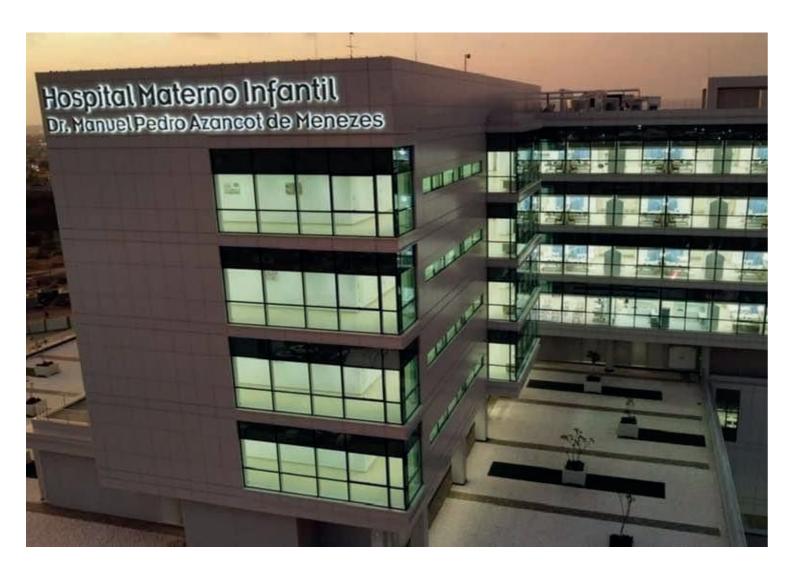
Owner: Melcom Group

- Architect: Melcom Group
- Main contractor: SNS Contracting
- Sub contractor: Premier Steel Ltd

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ANGOLA

CAMAMA HOSPITAL





PROJECT DESCRIPTION

Camama's Hospital, valued at about 194 million dollars, was built in an area of 7,000 m², next to the New Physical Rehabilitation Center of Luanda, has the services of clinical emergencies, maternity, as well as delivery rooms, obstetrics, gynaecology, paediatrics, physiotherapy, physical rehabilitation and surgery: It also has a unit for the treatment of burns, of respiratory therapy, clinical analysis laboratories, imaging and radio diagnostic system, morgue and a parking lot for the parking of about 520 vehicles

PROJECT SPECIFICATIONS

Hospital buildings with constructive complexity due to an environment that require intrinsic care. Within a hospital

it is not possible to carry out works as and when desired, requiring a good and careful selection of products, so that interferences in hospital activities are minimized.

The hospital building is dynamic and must always remain open to the inclusion of new medical technologies. And all the medical evolution, requires hospitals agility to adapt to the new processes. Some construction concepts facilitate the insertion of these new technologies in existing buildings and serve as guiding elements of future projects.

SIKA SOLUTIONS

Sika offered a full range of products that were able to meet all the technical requirements of the hospital.

Wet areas were waterproofed with a two-component, cement-based mortar with special additives and modified polymers SikaTop® -107 Seal AO.

In some roof areas a liquid membrane Sikalastic®-614 was applied for waterproofing. This liquid membrane is a mono component polyurethane, cold applied, that cures in contact with moisture. Once cured it forms a continuous waterproof membrane, durable and resistant to environmental conditions. In the other roof areas, bituminous membranes SikaBit® Pro were applied.

For the bonding of all ceramics was applied an improved tile adhesive SikaCeram®-105 AO, tile joints SikaCeram® CleanGrout was applied, with additives that provide protection against the development of fungus, bacteria and microorganisms, abrasion resistance and durable water-repellent finishing.

Due to the requirements of the project, the Sikafloor® Multidur ES-24 was applied in almost all areas of the hospital, consisting of a primary Sikafloor®-156 and an epoxy coating Sikafloor®-264.

SIKA PRODUCTS

- Sikament-611 AO/ Sikaplast®-571/ Sikament-200® HE AO
- Sika® Igol-P
- SikaGrout®-212 AO ■ SikaTop® -107 Seal AO
- Sikafloor®-150
- Sikafloor®-264
- Sikafloor®-260 PurCem
- Sika® Primer-3 N/ Sika® Backing rod/ Sikaflex® PRO 3 Sikaflex®-11 FC+
- SikaCeram® -105 AO
- SikaCeram® CleanGrout
- SikaHyflex®-305 EU/ SikaHyflex®-250 Facade
- SikaBit® Pro
- Sikalastic®-614

■ Owner: Angolan State - Ministry of Health

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AFRICA AREA INNOVATION CHALLENGE

Sika's success and reputation is based on its long lasting tradition of innovation. In 2021, Africa Area Innovation Challenge started as a contest to invite the teams throughout Sika organizations to share ideas in the domain of innovative project for new products, strengthening sustainability and exploring new paths in marketing and Communication. The process started with the definition of the LIT (local innovation team) in each country of the area Africa. The first milestone was the creation and the evaluation of possible project ideas in each country. There has been a full array of different focus topics ranging from new products, sustainability projects and/ or new ways of marketing and communication. This kind of innovation challenge has been open to all Sika employees in the area Africa as innovation is part of the culture.

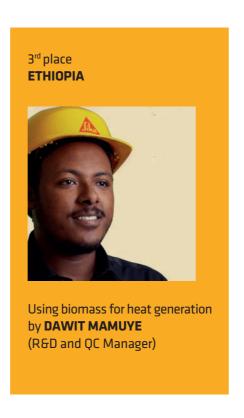
The winners from 1st edition in 2022 started already to rollout the implementation of the ideas, as an example Morocco team with the development of decorative micro concrete. As a non-stop activity, Sika Innovation Challenge is launched every year aligned with our Values and Principles such as Courage for Innovation and to benefit from our employes and improve on each organization close to each market and customer needs.

Last year the challenge kept on the move and new ideas were submitted. We are glad to congratulate all participants and reward the winners by travelling in September 2023 to Switzerland in order to present and discuss ideas and new approaches with the Global Innovation Manager and Chief Innovation and Sustainability Officer.

In 2022, the winners were:







The ideas are now being followed and implemented in 2023.

SIKA AFRICA

LOCALLY PRODUCED REPAIR MORTARS

MORE PERFORMANCE, MORE SUSTAINABILITY

Sika is all about innovation and we are continuously developing new technologies to enhance our product range in the construction industry. This pro-active commitment to research and development has led to Sika introducing a new and improved range for concrete repair and protection with contribution to reduce Sika's carbon footprint.

Locally you can find Sika MonoTop® and SikaGrout® solutions that aim to increase the company's portfolio of "Sustainable Solutions" – products which combine performance with sustainability.

SUSTAINABLE REPAIR MORTARS

Deterioration of concrete may happen due to corrosion, structural damage, water infiltration, seismic activity or a

multitude of other reasons. Years of research plus decades of practical experience have enabled Sika to develop a fully comprehensive solution to restore and rehabilitate concrete structures.

Locally we keep the focus to produce with local materials, solutions that comply not only with the international guidelines in terms of performance, such as EN 1504 – Products and systems for the protection and repair of concrete structures, but also with Sika Sustainability–Portfolio–Management (SPM) concept. SPM concept is the backbone of the Sustainable Solutions strategy and ensures that Sika's products always combine performance and sustainability benefits.

CONCRETE REPAIR SOLUTIONS







■ **Sika MonoTop® 4012**Durable and sustainable concrete repair and reprofiling mortar, R4 class, up to 120 mm thickness



■ Sika MonoTop®-4200 MultiFlow Versatile repair mortar for vertical, overhead and horizontal applications by adjusting the water, R4 class,

up to 80 mm thickness



■ **Sika MonoTop® 3020**Performing and sustainable smoothing and levelling concrete repair mortar, R3 class, up to 5 mm

SOUTH AFRICA

SIKA® WT-200 P SERIES

SIKA CRYSTALLINE & PORE BLOCKING TECHNOLOGY

to the ever-changing cement industry is Sika® WT-200 P. This Sika Watertight Concrete system has already been established on significant projects around the world and is providing a much-needed solution for porous, permeable concrete.

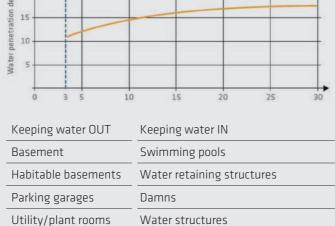
The latest waterproofing admixture innovation to adapt According to the EN 12390-8 the water penetration depth tests have to be conducted over 72 hours (about 3 days) with a water pressure of 5 bars. To gain knowledge after these three days the same tests have been performed with extended testing time up to 28 days.

The below graph shows the results of these extended tests.



APPLICATIONS:

Tunnels



Waste water treatment structures

Sika® WT-200 P is a combined water resisting and crystalline waterproofing admixture used to reduce the permeability of concrete and to enhance the self-healing abilities of the concrete. The active mixture of cements, amino alcohols and fillers will form non-soluble materials and seal the concrete permanently against penetration of water and other liquids; and it will continue to reactivate whenever water is present.

Sika® WT-200 P additional benefits:

- Improve the ability to heal cracks in concrete.
- Reduced water penetration under pressure.
- Reduced water absorption.

SUCCESS CASES:

Watertight admixture advances level of waterproof concrete for SANCCOB

Here is a prime case study of how Sika® WT-200 P helped protect the newly constructed exercise pools for SANCCOB. Southern African Foundation for the Conservation of Coastal Birds (SANCCOB), operating in Table View for 33 years and having treated nearly 100 000 seabirds, needed new modern facilities. Over the years, it has become synonymous with conservation of the endangered African penguin and is a leader in seabird rehabilitation, chick-rearing, veterinary care, as well as contributing to ground-breaking research. This meant the organization's capacity needed to increase to save more birds, improve the standard of care and educate more people about seabird conservation.

Even excellent quality concrete will allow water to permeate the surface; thus, the need for a good waterproof concrete mix that safeguards the exercise pools from damp and water leakage. The application of concrete supplied contained Sika's watertight solution, Sika® WT-200 P, to provide a durable, watertight finish. The volume of capillary pores provides a pathway for water on one side of the structure and air on the other. The volume of capillary pores in the concrete matrix is proportional to the water/cement ratio. Understanding and controlling water/cement ratio is the basis of concrete technology and, as well as permeability, how it affects the strength and durability of concrete.

In addition, the special formula and ingredients of Sika® WT-200 P enhances the self-healing properties of concrete and will improve the ability to heal concrete cracks.

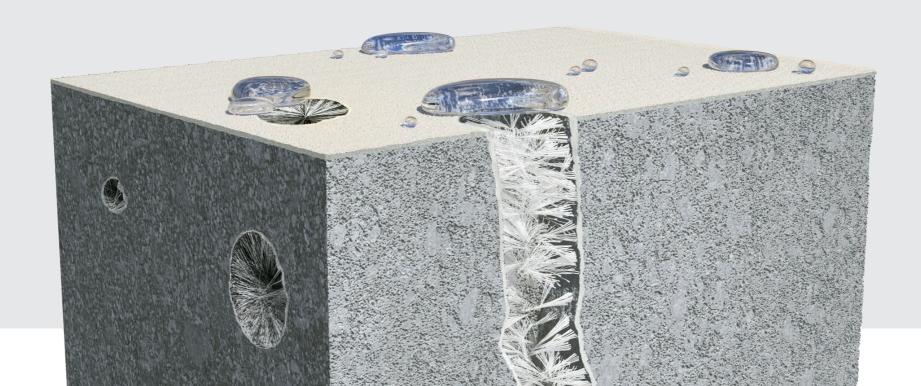
The newly constructed exercise pools were completed to the client's full satisfaction and meant Sika's watertight concrete solution played a major part in providing SANC-COB the reassurance of watertight protection, ensuring its stability and performance for many years to come.

Orania Wastewater Treatment Plant

Orania, a Karoo town in the Northern Cape, named after the Orange River flowing alongside, has experienced rapid population growth in the last few decades. Consequently, the wastewater plant did not have adequate capacity to cope and a new one had to be built.

Sika SA were consulted, asked to consider solutions, and then supplied the relevant specified materials to the project. It was important to ensure that concrete works and joints be watertight and Sika® WT-200 P, a waterproofing admixture, was then added to the load just prior to discharge, and thoroughly mixed.

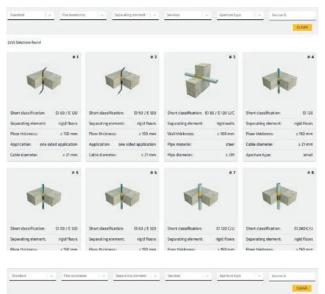
Despite the rain delays, the project was successful, and the new wastewater plant now has four times the processing power of its predecessor.

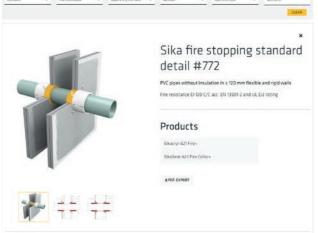


SIKA FIRE STOPPING SOLUTION FINDER

Need to know exactly which fire stopping solutions fit your requirements?

Use our solution finder to select the most suitable products from Sika. Get system and product information including technical drawings to specify and complete your project correctly.







Sika fire stopping standard detail #772

PVC pipes without insulation in ≥ 120 mm flexible and rigid walls

Fire resistance EI 120 C/C acc. EN 13501-2 and UL EU listing

- Wall: Thickness ≥ 120 mm, ≥ 2 layers of ≥ 12.5 mm studs. Alternatively aerated concrete, concrete or brickwork, density 2 650 kg/m³. Note: For timber studs no part of the penetration coal studs no part of the penetration seal may be closer than 100 mm to a stud, and \geq 100 mm of insulation of class A1 or A2 $\!\Omega$ penetration seal and the stud.
- Pipes: ≤ 200 mm, PVC, details see diagram
- Test scope for PVC pipes includes PVC-C acco to EN 1566-1 and PVC-U according to EN 1329-1, EN 1452-2 and FN 1453-1
- SikaSeal-627 Fire Collar+ installed to both sides of the aperture. For concrete or masonny substrates use ≥ 40 mm masonny screws or expansion bolts; do not use plastic plugs! For drywalls (if applicable to this standard detail) use drywall or wood screws with a length suitable for the number of boards forming the wall. Annular spaces < 8 mm must be sealed with a bead of Sikacryl-621 Firehebind the collar(s). Annular spaces ≥ 8 mm must be sealed with ≥ 25 mm Sikacryl-621 Firehebind the follar(s). Annular spaces ≥ 8 mm must be sealed with ≥ 25 mm Sikacryl-621 Firehe behind the follar(s). The niles < 16 for might serve the more than the collar(s) for niles < 16 for mid midmeter the the collar(s). For pipes ≤ 160 mm diameter, the hence collar diameter shall be ≤ 110 mm larger tha the service diameter. For pipes > 160 mm diameter the maximum annular space is 8 mm..
- Choose same or next larger collar diameter to the
- Aperture: annular space around services ≤ 55 mm





It presents many advantages for the users:

- Free licensed solution finder
- User-friendly interface
- More than 2,000 solutions definition in a few clicks
- Benefit from the Sika Fire Stopping global range
- Sika specification documents and drawings

No need to install anything on your computer.

Just open the link below to use it in different languages.

https://fireprotection.web-app.sika.com/KE/en_KE

For any questions, reach out to your local Sika company!

SIKA AFRICA

NEW SIKAFLEX® SOLO





INNOVATION

Sika adhesive solutions have been driving the automotive industry worldwide for more than 40 years and continue to lead as best in class. We do more than just respond to the needs of our professional customers; we also take future requirements of the automotive industry into account. This enables us to launch powerful innovations while focusing on customers' needs.

SIMPLICITY

Auto Glass technicians' daily work inspires our development efforts. That's why we closely collaborate to find intelligent solutions that meet their requirements perfectly, making Sika products easy to use, straight out of the box. Modern passenger cars and commercial vehicles require a safer, more robust, and efficient windshield replacement process.

SUSTAINABILITY

The mobility of the future must be sustainable. Sika is leading the way with solutions that are even safer and more environmentally friendly. Sikaflex® SOLO is a solvent free glass windshield adhesive. It provides a long enough open time and ensures safe application under warm conditions. Windshield installations performed using Sikaflex® SOLO are VOC-free and do not leave any unpleasant odour inside the car afterwards.

The windshield is one of the most important parts of a car because it is an integral part of a vehicle's safety system. Its main role is to stay in place and keep occupants inside the vehicle in case of an accident. Today's vehicles are stiffened by bonded windshields. It is vital that the windshield stays attached to the car body even in a rollover accident. If a windshield is not installed properly, it can come loose in a collision and separate from the car body flange, causing serious injuries.

The selection of the right windshield and replacement adhesive is a key element to this quest for safety, liability, and operational efficiency.

PARTNERSHIP

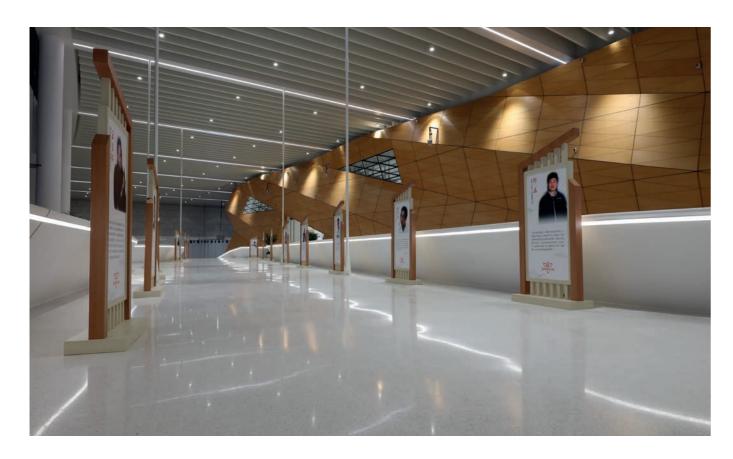
Sika and its local sales organizations are here to support you to find the right auto glass replacement adhesive. We can provide training for auto glass specialists or fleet operators. By working together with automotive OEMs, auto glass experts and industry bodies globally, Sika is benefiting from industry leading tools, research and expertise allowing us to drive technology leadership with our auto glass replacement adhesives.

Get in contact with your local Sika and request for a sample

INNOVATIVE INNOVATIVE

SIKA AFRICA

SIKAFLOOR DRY SHAKE TERRAZZO AND CONCRETE FLOOR FINISHING AID



Are you looking for a concrete floor with an elegant and modern finish that is as durable as they come? Perhaps you are going for a polished concrete look, sleek terrazzo finish, gloss concrete floor or a simply economical and durable dry shake concrete floor.

With Sikafloor® solutions, you can have all that and more. Sikafloor® dry shake terrazzo floor is a combination of dry shake hardener technology with terrazzo look. As such, it combines a dazzling and minimalist aesthetic with excellent wear resistance in an economical application.

Modern, sleek and clean look | Polished concrete is becoming increasingly popular among designers and architects seeking an upscale look due to its captivating minimalist aesthetic, long lifetime and sustainability.

Durable and strong | Ideal for areas with heavy traffic that require a stunning finish, is a long-lasting solution to withstand constant wear from foot traffic, movement of furniture and equipment or frequent trolley and pallet-stacker traffic.

Best Cost-Performance Ratio | With a competitive price per area (square meter or square foot), your project will not only maximize the ideal looks and quality, but also save you and your project bottom line costs.

Fast and Easy Application | Same machines and tools as in normal concrete floor projects. From concrete pouring, the newly applied floor can be used within 10 days.

Unique Application Method | Sikafloor®-931 Finishing Aid is a new generation concrete floor finishing aid and densifier to target typical issues like surface delamination, visible fibers, plastic shrinkage, cracking, dusty and weak surfaces.

Ideal for Many Project Types The colors and polished surface also create a stunning visual effect. As a result, it is ideal for use in high-traffic, high-use areas such as supermarkets, public buildings, high-end factory floors and more.

CONCRETE WORKS AND DENSIFYING



WET **CURING**

POLISHING AND STAIN PROTECTION



- Concrete
- Sikafloor®-3 QuartzTop or;
- Sikafloor®-2 SynTop or Sika®Chapdur: 6-10 kg/m² (in 2-3 layers)
- Sikafloor®-931 Finishing Aid $\sim 0.2 \text{ kg/m}^2$
- Water
- Plastic sheet/burlap/curing blanket
- Polish
- Sealer: Sikafloor®-958 PG: $\sim 0.1 \, \text{kg/m}^2$







SYSTEM BUILD-UP

Working Time	Product and Activity
1. Concrete	Fresh concrete
2. Dry shake floor hardener	Sikafloor®-3 QuartzTop or Sikafloor®-2 SynTop or Sika®Chapdur
3. Finishing aid and liquid hardener	Sikafloor®-931 Finishing Aid
4. Curing	Water, curing sheets or foils
5. Polishing	Polishing
6. Seal	Sikafloor®-958 PG

01 WHAT IS THE DIFFERENCE BETWEEN CEMENTITIOUS TERRAZZO AND EPOXY TERRAZZO FLOORS?

Cementitious terrazzo and epoxy terrazzo floors both use binders mixed with aggregates to formulate a hardened surface where flecks of aggregate are seen in the finish. Produced and applied differently. With epoxy, the binder is resin: with cementitious, the binder is a cementitious material.

02 WHAT IS A DRY SHAKE HARDENER FOR **CONCRETE FLOORS?**

Made basically combining cement, fine aggregates, admixtures, additives and sometimes pigments. Is applied as a dry powder compound to a fresh concrete surface.

Used primarily to improve durability and hardness of concrete floors. Protecting the floor from abrasion and impact, while providing slip resistance, color, and surface texture. Dry shake hardeners decrease permeability of concrete surface, thereby reducing dusting and liquid penetration. Applied either by hand or machine onto a fresh concrete surface, then power floated and troweled.

03 WHAT IS THE PURPOSE OF CONCRETE FLOOR HARDENERS?

They come in 2 main types: dry shake hardeners (added on top fresh concrete) and liquid concrete hardeners (applied to the hardened concrete surface). When liquid concrete hardeners penetrate to concrete pores and cause a chemical reaction. Dry shake hardeners do not react with the underlying concrete chemistry. Dry shake reacts with the free water in fresh concrete creating a hard and dense layer on top of the slab floors over the long term.

Floor hardeners act as permanent solution to protect the underlying concrete against chemical/ mechanical abrasion, improving hardness/ durability of concrete floors over long term. They may also be used for slip resistance/ surface texture.

04 WHAT IS POLISHED CONCRETE?

To get polished concrete, it requires a multistep process where a concrete floor is mechanically ground and polished with diamond tools that cut the concrete floor's surface. Final, specified level of appearance (gloss grade and aggregate exposure level) is achieved and further defined by each cut. Process also often includes the use of a densifier or liquid hardener.

Know more about Sikafloor® Dry Shake Terrazzo and Concrete Floor Finishing Aid

https://www.sika.com/en/brands/sikafloor-dry-shake-terrazzo.html

MEET R&D AFRICA



Our presence and people are key to reinforce our footprint and develop solutions based on customers' daily business needs. From the field to the lab, we work closely every day to incorporate our customers feedback and develop new products to overcome the construction challenges with environmental impact reduction. In this interview, Thomas Pascual, R&D Manager in Africa, explains how the company is driving innovation and sustainability in this Area.

Thomas how did you get into this business? What's your background?

I started my professional career as quality control technician for a cement company that was producing mortars mainly façade renders and tile adhesives. After some time, I moved into R&D for concrete admixtures.

What are the main action and targets for 2023 in terms of R&D activities? Please explain the environmental benefits. Are there more benefits other than environmental?

One of the most important targets is to be more sustainable reducing our product's CO, footprint keeping at minimum the same level of performances. Finding and reformulating with alternative raw materials that can reduce our CO, footprint is a key action. The cement has a very high CO₂ emissions contribution in cementitious products (mortars), for that we can replace it partially with SCMs (Supplementary Cementitious Materials).

There are others benefits as for example improved application and durability properties.

What about your team and roll-out of those activities across the Africa area?

We are present in 15 African countries, all of them with their respective laboratories lead by local R&D managers. We are working as a team fully coordinated on Area level, working as one lab in the same direction. For an effective roll out we need a close cooperation with other departments, is not only a formulation work but a very close coordination with the Sales, Procurement and Operations teams.

About the introduction of cement-free/low-cement products, what are the main limitations in terms of efficacy, what materials and substrates can be used with, what climates, what building environments, and so on? In the other way around, are there ways in which they're superior to conventional products or suitable for new or extended applications?

There are no specific limitations, we are responsible to ensure the properties of our products and using SCM's can improve durability and overall performances. We can cover all our product range with this type of technology offering to our customers sustainable solutions for all their needs.

How do you substitute for cement? What role do Sika's additives and know-how play?

We must change completely the formulation, the use of SCM's in binder composition affects the aspect, water demand, application, setting time, strengths development... everything changes.

Our knowhow enables us to find new formulation approaches with new benefits, it's part of the evolution.

How do you consider customers' needs and preferences when you develop new products?

All new products must be based on the customers' needs, without the proper business assessment there is no new development, reason why the close interactions with the sales team is one of the key point to work all together in the same direction.

Mortars are normally quite a "local" product, with local production and local suppliers. Some types of SCMs are available in all countries, some more on a local level. How do you approach this situation in R&D? How do you coordinate the R&D activities on the regional and local

We need to be able to formulate on local level with the

quality of raw materials locally available. We work in close interaction with the Procurement team to map the availability of SCM's in each country. In a lot of cases, we have to build the full process because nothing is established, and it requires the involvement of all departments to guarantee a success story out of it.

Each SCM's is different and will interact in a different way into the binder system. We invest in trainings for our teams because we are convinced that building a local knowledge and expertise is fundamental. In addition, from Area R&D team we follow on regular basis the projects development and we benefit from the support of Regional Center for deeper analysis when required.

How has Sika's business with cement-free/reduced-clinker products developed in recent years? How do you see this business evolving in the years to come?

We are clearly going to reduced cement/clinker technologies, today in Africa we have developed products with around 50% cement substitution. Sustainability and durability are clear objectives for us.

Can you quantify how much greenhouse gas emissions can be reduced with this?

As estimation I would say around 30-40% but with cement-free solution could be around 70-80% compared to traditional cement-based formulations.

What are the latest solutions developed in Africa?

In Africa we have been very focused to our local resources being able to exploit different types of SCM's as for example Biomass ashes from agriculture. Recycling wastes locally available and reducing the CO₂ footprint of our products is a win-win situation.



SIKA SUCCESSFULLY CLOSES **MBCC ACQUISITION**

AND STRENGTHENS POSITION AS SUSTAINABILITY CHAMPION IN THE GLOBAL CONSTRUCTION INDUSTRY



Sika has acquired the MBCC Group, a leading global supplier of construction chemicals. With a focus on innovation and sustainability, MBCC Group has been at the forefront of driving positive change in the construction industry. By joining forces, Sika and MBCC Group have created a workforce of 33,000 experts and achieved net sales of more than CHF 12 billion. **In Africa we expand our footprint with** 7 additional factories and over 220 colleagues.

To close the transaction and to comply with regulatory requirements, Sika sold MBCC Group's chemical admixtures assets in the UK, the USA, Canada, Europe, Australia, and New Zealand to the international private equity firm Cinven. Sika acquired all remaining business of MBCC Group and expanded its portfolio of products and solutions for the construction industry, adding a wide range of innovative, sustainable, and digital offerings for different sectors such as buildings, infrastructure, and underground construction, for new construction as well as for renovation. The main office for MBCC is located in Mannheim, Germany.

MBCC's strong main brands Master Builders Solutions, PCI, Thermotek, Wolman, Fire Protectors, Colorbiotics, Watson Bowman Acme, TPH, and Nautec are well established in the marketplace. Along with Sika, innovations will continue to address sustainability challenges in the industry.

Sika and MBCC: Sustainability and Innovation Champion in Construction Chemicals

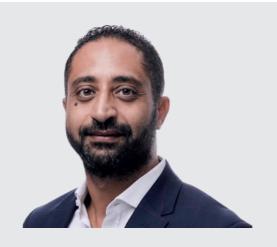
Together, Sika and MBCC offer exciting customer value. As powerful innovators in the construction chemicals industry, we complement each other every day. Our ambition is to be the sustainability and innovation champion, defining the cities of the future by applying our leading technologies. Together, we provide stronger and broader solutions, combining the best of both companies, meeting practically all customer needs.

We will be closer to our customers than ever before. New distribution channels will enable a broader reach. In addition, customers will have access to our optimized geographical footprint with more than 400 sites. That means: short distances to our customers and unmatched supply reliability. And last but not least – this will lead to a lower CO₂ footprint.

We have highly complementary products and technologies. For example, in the wind energy industry, our combined offering provides one-stop-ordering opportunities to our customers: Sika Power®, for instance, is a range of epoxybased toughened adhesives to produce extra-long wind turbine rotor blades. MBCC's unique wind turbine grouts are used in the same segment, for example the family of high-strength, ultra-durable, and fatigue-resistant grouts that specifically meet the demands of on- and offshore wind turbine installations and refurbishments.

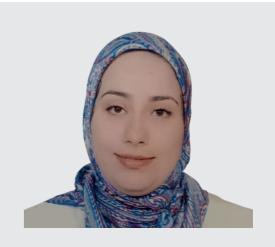






Mohamed Hammam Admixture Systems Manager MBCC Egypt

Few days have passed since the Day One announced, and we are in the beginning of integration journey. But from the touch points with Sika team, Sika has shown to be a real people-oriented organization. It's obvious that staff caring, and talent development is taking remarkable weight in Sika's management priority list. The challenges are hard, yet with cooperation, goals can be successfully achieved.



Salma Faris Finance & Administrative Manager MBCC Morocco

My experience with Sika has been very positive and fulfilling. The welcome was more than pleasant, it showed the importance that Sika gives to the human side of the business.

I felt the warmth of the team as well as their willingness to support us and help us integrate as smoothly as possible. I believe that my overall Sika integration process will be a total success and I am more than excited to be part of this great structure.

AFRICA AREA OPERATIONS MEETING





Sika gathered Operation Managers from 8 African subsidiaries in the South of France in October 2022. Jean de Martres, Africa Area head, and Heiko Siegmund, head of Operations EMEA, joined this Africa Operation Meeting 2022, organized by Frederic Burgals, support operation for Africa; and Youssef Zafati, Operation, and new projects Director. During the three days of seminar, the participants shared their experience and learned more about the 5S system, how to calculate bottleneck and most of all discussed the priorities for Sika, such as safety and sustainability, and more specifically saving of electricity.

OUR PEOPLE:

"Sika in Africa is going through an important economic expansion, there is a consequent increase in the volume of production, so we need a continuous improvement of the operation teams. These meetings allow us to make these upgrades in general, but also to review, in detail, each country. New markets are opening for us, such as flooring, and our operations need to know what production possibilities are available to them. Safety must be at the center of our concerns as well as sustainability, especially in terms of electricity. The team spirit must be built and maintained, in what better way than during our sports activities to create this connection. Our requirements are the same in all our Sika plants around the world. And it is during these international meetings that we can share our best practices."

lean de MARTRES, Africa area head.

"The objective is the continuous improvement of all the teams in each area. I think the best way to support their operations is explain and train frequently."

Frederic BURGALS, support operation for Africa, SIKA France.

"It is great to see what a committed and motivated team we have across the continent. We must further focus to drive the right safety growth, support the volume growth in the right and efficient way and lay the foundation for sustainability for the coming years. In such international meetings we can strengthen our team spirit and support each other with experience, skills, and expertise."

Heiko SIEGMUND, Head of Operations EMEA Operations.

"I have learnt a lot from the different factories through interactive discussions throw out the meeting. I have developed a network of colleagues from our Africa region, which means we grow together, stronger into "World-Class" operations. Visiting the Sika factory of Les Salles-du-Gardon was the highlight of the meeting for me. The implementation of 5S has proven its benefits, and these are clearly seen at the site and the best practices discussed by the different factories."

Nozuko NDABA. Production Manager Westmead LIOUIDS. SIKA South Africa.

"Establishing a sustainable spirit and a 5S discipline becomes imperative for better efficiency."

Hawaa SOW, R&D Plant and Operations Manager, SIKA Senegal.

CUSTOMER INTERVIEW

ALGERIA - NAF FACTORY



Amina Zergoune, Manager of NAF FACTORY

Determined and willing, Amina Zergoune is the representative of one of the distributors of Sika El Djazair.

Amina is a civil engineer by training and has a degree in architecture and management with an experience of 11 years in the field of construction and sales in Algeria.

Since 2020, Amina is a partner of Sika El Djazair and manager of NAF FACTORY, a company specialized in the distribution of products and solutions for construction.

She is constantly thinking about the development of her activity and Sika El Djazair is the partner who ensures the quality of the products, which gives her great confidence and allows her to satisfy and fidelises her customers. She explains that the quality of products, availability, delivery times allow her to achieve a confidence and a reputation of its showroom to satisfy the explicit needs of these customers, but also a profit offering a willingness to expand its commercial field to conquer new customers.

She adds that the partnership proves to be profitable nevertheless it is useful and necessary to stabilize the prices and to reduce the ruptures of products.

GHANA - YTP REPRESENTATIVE



Majed, YPT Representative

For the engagement and feedback of one of our customers, we visited and had a talk with Majed, who is the representative of one of the distributors of Sika Chemicals Ghana Ltd. Majed is a Lebanese Civil Engineer who even before coming to Ghana, had very good reviews of Sika, as he used a different range of our products for the projects he was working on while living in Lebanon.

His trajectory with Sika Ghana as he mentioned has been "beyond their expectations" as his company started to work with us only this year, and the feedback he has received from the customers has been even more of what he planned for.

He explained now that even more and more customers are coming asking specifically for Sika products, as he is trying to push for quality building solutions in the country.

Majed explained that the main challenge they have encountered is the lack of stability in the currency the past few months. However he hopes that next year the situation can be more controlled. Sika may not be the cheapest product to offer in an unstable economy, but he believes that it is better to offer good quality in his shop.

PEOPLE

SIKA AFRICA

INTERNATIONAL WOMAN'S DAY

At Sika gender diversity is not a vain word. And as we cel- **IN SENEGAL** ebrated the International Women's Day, it's interesting to see how we measure up in Africa. There is still work to do, and Sika stays engaged towards gender diversity. In the meantime, women are recognised at Sika with 22.7% of the workforce on the continent are women, and this number has increased of 1.2% from February 2022 to March 2023. Among the managers, 27.3% are women with a progression of +1.3% from March 2022 to February 2023. If a majority of women work in administrative functions, it is noticeable the women are more and more acting in sales, which, at Sika, is a highly technical function.

IN ANGOLA. WOMEN'S CONTRIBUTION IS **CELEBRATED**

Kátia Gaspar, Subdirector of Research & Development and Quality Control, at Sika Angola was the chosen face of Sika Angola to represent all Angolan women and their contribution in Angola's history.

Ermelinda Quinto - Operations Assistant and Miraldina Canga - Treasury and Finance Manager, Sika Angola employees for more than 6 years, were the chosen faces to represent the strength, commitment, dedication and responsibility of women in the different work sectors.



IN EGYPT. **POETRY TO THANK** WOMEN

To all women out there, you are the epitome of grace, strength, and beauty! Here is the celebrating the achievements of all the amazing women Happy women's day beautiful ladies.



Sika Senegal organized an event to celebrate this day and honor the women of the company. The event was held at a local hotel to provide a day of relaxation and celebration for the women. Participants were welcomed with symbolic gifts to mark the occasion and enjoyed several group activities to relax and enjoy a well-deserved day off. The day was also an opportunity to celebrate the achievements of the women in the company. Speeches were given to recognize their contributions and dedication to the company.

OR IN ETHIOPIA

Women celebrated International Women's Day with the strong and talented women of Sika Abyssinia during a relaxing spa day and lunch. The day was filled with appreciation and recognition of their contribution to the success of the business. It was a day that promoted diversity and inclusion.





IN CAMEROON

The Women of Sika Cameroon wanted to mark the International Women's Day by assisting a vulnerable part of the population, namely orphaned or abandoned children. Each of them cooked a meal which was then shared with 58 children from the Bonabéri orphanage.

Audrey Entcheu: "It was important for us as women of Sika Cameroon to celebrate the International Women's Day through the organization of this gift giving ceremony. This contribution, although modest, will help to meet the needs of children who are in the care of host families and whose means are limited."

IN NIGERIA

Sika Nigeria decided to celebrate this year international women's day by creating awareness on deadly diseases, causes, precautions, symptoms, and treatments. All Sika Nigeria female employees were screened and vaccinated.

IN MOROCCO

Sika Morocco is committed to diversity and inclusion. The unique perspectives and experiences of all employees are valued, and Sika strives to create an environment where everyone can flourish.

The Women of Sika Morocco will be in the spotlight throughout the month of March 2023, through a campaign on social media, aimed at sharing in a few words their testimonies and experiences within Sika Morocco.

IVORY COAST

Sika Côte d'Ivoire has chosen an operation to raise awareness among young girls of the Bassam orphanage about their value and their rights. And the right to proper personal hygiene is an obvious one. They then distributed the pads to about 30 young girls, explaining that they are environmentally friendly and hygienic because they do not contain chemicals and are washable.

IN ALGERIA

Sika El Djazair, we have organized an exclusively feminine training dedicated to the distribution where we have invited all our female customers (commercials and managers) throughout Algeria for a technical day and a visit to Sika El Djazair to exchange with the women employees to encourage them and show Sika's commitment for diversity To thank them for all their efforts, a handcrafted gift frame of the Berber symbol "the key" with the colors of Sika was offered, representing success and hope.





IN GHANA

Sika Ghana was full of learnings and sharing with the School for the Blind and the Sika Ghana Ladies. They had the chance to visit the school that accommodates 16 ladies who live and perform activities in this facility from 20 to 35 years old. The experience was very gratifying due to the exchange of culture and knowledge.



SUSTAINABILITY AND COMMUNITY ENGAGEMENT IN AFRICA

2022 ended on a positive trend with robust results in Sustainability and Community Engagement and some progress in H&S. Regarding greenhouse gas emissions, last year's data showed a reduction of 16% of our direct footprint compared with 2021.

This achievement was possible through a combination of energy efficiency initiatives undertaken throughout the continent and the purchase of renewable energy certificates in Morocco, Egypt and South Africa. Some of the most iconic initiatives included the deployment of power factor correction systems in Cameroon and Senegal, the

revamping of the lighting system in LED in Ethiopia, or the addition of a solar inverter in Nigeria that allows to turn off the diesel generator during weekends.

Safety efforts were strengthened throughout the year, with the creation of a safety tour checklist inspired by Algeria's and Morocco's process in the second quarter and its implementation across the area. Safety culture was also reinforced with the progressive roll out of the hazard hunting groups initiative since November, where all employees are directly engaged in identifying and fixing unsafe situations in their work environment.









These efforts are bearing fruits: the number of hazardous situations identified and addressed exploded in Q1 2023, especially in Tanzania, Morocco, and South Africa where the local teams have been relentlessly tracking non-conformities. Looking ahead, 2023 is showing promising results for the rest of the year. In fact, our colleagues in the Area showed again that Sika not only cares about its employees but also about the wellbeing of local community by delivering over 12 community engagement projects in under 3 months, well above our target for the quarter.

In Tunisia, the local team participated in the reforestation effort in the forest of Bargou by planting over 500 trees in an area that was devastated by fire.

On the international women's day, 15 women of Sika Cameroon brought home-made meals to the 58 kids of the Bonaberi Orphanage, spending the day with them.

In Morocco, Sika is partnering with a local association that is supporting youths experiencing difficulties at school by providing them with a 2-year professional training program in construction sales. And the list goes on, well done Africa!

ZERO WASTE PROJECT



At Sika, we are committed to reducing our environmental impact and have adopted a "Zero Waste" approach to achieve this goal. Zero Waste is an ambitious program launched by the Sika Group since 2022 to reduce the use of CO2 emissions and waste.

We are aware that responsible waste management is an urgent necessity for the environment and the planet. We are thus taking measures to reduce the amount of waste we produce and to recycle and reuse it as much as possible. This action is deployed at the local level, which has allowed Sika El Djazair to implement initiatives adapted to the needs. We put circular economy at the core of everything we do, from developing solutions to disposing, to reach our objectives, we have planned more than 100 KCHF over the past five years as a green investment aimed at accelerating our sustainable development.

This commitment to "Zero waste" can only be achieved through the awareness and sensitivity of our employees to environmental issues, and we also encourage them to adopt responsible behaviors to reduce our environmental footprint. in 2022 we recycled more than 23% of our solid waste, and we reduced our water consumption by more than 15%, we plan to improve our results by 7% in 2023. At Sika, we believe that reducing our environmental impact is a collective responsibility. we have involved our suppliers in our program to create green contracts to recover all our waste or reuse it, but also to participate in eliminating waste from other companies by using it in our sustainable products. We are proud of our commitment to sustainability and will continue to work to be an example in the field of waste management.

SOUTH AFRICA

BRIDGES OF HOPE







18th July is Mandela Day, a day to honor the legacy of the great man, to make a positive impact to the world. Sika South Africa rose to the occasion, by aiding a non-profit we saw the current living conditions and supplied 100L of organization Bridges of Hope Children's Home.

to hand over a multitude of items that included: medical supplies, groceries, clothes, toys, and toiletries. It was

our hope that we, as their Sika family, and in the spirit of the day, could support their bridge a little more. On arrival Sika® RainTite that was used as paint to brighten up and Sika South Africa company and employees contributed waterproof the building to the delight of all who reside in the home.

FOREST HEIGHTS SCHOOL







As part of Sika Cares, the community engagement program for people and social communities, Sika donated sealants and waterproofing products to renovate parts of 2022. This school services a local rural community.

The school and community improve the lives of the scholars, as this is where they spend most of their time during the week. All learners deserve proper sanitation and comfortable teaching facilities.

Sika® RainTite Kit & Sealoflex® Professional to waterproof the community school in Eerste River, Cape Town, in July the roof, Sika® Sanisil® for the basins and toilets joint sealing and Everbuild® Stixall® for general sealing and bonding projects in refurbishment project.

ALGERIA

SPONSORING CLUB SPORT HANDICAP MOTEUR



Handicap is not an obstacle

An important part of Sika's policy is the successful combination of quality, environmental and social responsibility.

As a natural extension of the commitment to sustainable development, Sika El Djazair signs a partnership agreement by providing financial support to the basketball champion club represented by the sports association for motor disabilities: the Boufarik Sports Federation.



ALGERIA

SIKA ALGERIA CELEBRATES 75 YEARS





Sika El Djazair celebrated its diamond jubilee of 75 years of presence in Algeria at the International Conference Center in Algiers on November 11. A success story that is fully in line with the country's economic development dynamics. To mark this historic moment for the company, Marcel ElKhoury, General Manager of Sika El Djazair, shared the rich history of this leader in construction chemicals since its establishment in 1947 and its promising prospects for the coming years. Award 1: "CUSTUMER LOYALTY" to Mr Ahmed Mouhoub

In a friendly atmosphere marked by nostalgia, Sika El Djazair celebrated this moment in the presence of Philippe Jost Head Construction at Sika and member of the Management Group, Ivo Schaedler Head of EMEA, Jean de Martres, Africa Area Head, its partners, distributors, customers, media and of course its employees. In his welcoming

remarks, Marcel ElKhoury underlined that "the longevity of the company is based on its know-how and its constant development in research and innovation".

After expressing their gratitude to the guests and to the Sika Algeria team in particular, the management team took the opportunity to reward:

given by Philippe Jost

Award 2: "MERSHANDISING & FACING" to Sarl SolSet given by Ivo Schaedler

Award 3: "SUSTAINABLE SUPPLIER" to Sarl Joktal given by Jean de Martres



MOROCCO

"MASTER ZLAYJI": NATIONAL BEST TILE MAKER COMPETITION



After a successful 1st edition, Sika Morocco, in partnership with Super Cérame, National Leader in Ceramic Manufacturing, launched the 2nd edition of the "Master Zlayji", a National Competition that put in competition more than 1,500 tilers, coming from 9 cities of the 4 regions of Morocco, namely: Nador, Tangier, Fez, Temara, Casablanca, Marrakech, Safi, Agadir and Laayoune.

On this occasion, the tilers were able to benefit from a training cycle that revolved around themes that touch the heart of the daily job of tile installers, including: The selection and use of ceramic tiles, the choice and use of tile

adhesives and tile joints, the preparation of the support, the installation techniques.

A Caravan crisscrossed the different cities, for a period of 3 months, to designate the 9 regional finalists, based on several technical criteria, and who all met in the "Master Zlayji 2022" final, on Thursday, December 08, 2022 in Casablanca. After the deliberation of a jury composed of qualified experts in the trade, architects and representatives of the Office of Vocational Training and Labour Promotion (OFPPT), the winner, Mr. Bensaissa Karroumi from the city of Nador, was named best national tiler for the year 2022.





KENYA ANNUAL CPD SUMMIT EXPO

On Wednesday 26th to Friday 28th October 2022, Sika Kenya Limited sponsored the Institute of Quantity Surveyors of Kenya annual CPD summit and Expo. The 3-day event brought together 400 professionals in the building and construction industry both locally and internationally, such as Quantity Surveyors, Architects, Engineers, Contractors, Project Managers, Town Planners among others.

The seminar also presented a great opportunity to interact with over twenty (20) Presidents and Delegates from the Africa Association of Quantity Surveyors (AAQS) during the Council Meeting.



SIKA SUMMIT ANGOLA 2022



The first edition of Sika Summit Angola was held on November 25 of 2022, with the aim of analysing the Challenges and New Trends in Civil Construction in Angola.

The event was held in Luanda and was attended by more than 150 participants, among them the main Construction Companies, Supervision, Designers, members of the Government, Owner, Universities, Certification entities, among others, who contribute in one way or another to the construction sector. Several solutions presented were presented as reliable, innovative, sustainable and long-lasting in the construction sector, in general and for hospital areas and water management

MOROCCO INTERNATIONAL BUILDING FAIR

Sika Morocco participated in the 18th edition of the International Building Fair which took place from 23 to 27 November 2022 in El Jadida, Morocco. This exhibition was a great opportunity for the Sika Morocco teams to exchange with our customers, partners and designers on the new technologies developed by the Sika Group and highlight the Parex-Lanko solutions integrated into our ranges, among others, façade coatings and external thermal insulation.

Several technical workshops dealing with different themes were at the rendezvous to share our know-how and expertise in the field of construction, namely:

- Joint treatment and flexible bonding
- Repair, sealing and structural strengthening
- Ceramic coating installation techniques
- Protection and waterproofing of buildings
- Waterproofing and decoration of new façades
- Sika solutions for DIY work



Many visitors were interested in these technical workshops, something that allowed Sika Morocco to stand out from the various exhibitors and bring its creative and innovative touch.

NIGERIA BIG 5 CONSTRUCTION EXHIBITION

Sika Nigeria participated at the Big 5 Construct Nigeria 2022 exhibition to align the Sika brand with Nigeria's leading event for building and construction professionals.

The BIG 5 event gathers the heritage and local expertise to create a foundation for a high quality, face-to-face construction meetings in Nigeria's multi-billion-dollar construction market. It was an avenue to increase our business prospects through high-impact networking with senior decision makers, serious buyers, and government officials.



TANZANIA HOSPITALITY INDUSTRY

BEST BUILDING PRACTICES WORKSHOP IN ZANZIBAR



Sika Tanzania team in collaboration with Knauf Gypsum Tanzania team came together in executing one of the first ever professional workshops that brought together two global leaders in the construction industry. The workshop was held in Zanzibar and held the title Best Building Practices in the Hospitality Industry, with an attendance of over 70 professionals in the Engineering, Architecture and Quantity surveying fields. The main objective of the workshop was to share knowledge in best practices in the construction of hotels especially for concrete structures, aesthetic imprint areas, utility rooms as well as special details for firestopping systems and moisture resistant systems.

With an accreditation of Professional Development Units from the Engineering Registration Board of Tanzania, the event attracted many interested professionals to ask questions and engage with the presenters regarding the proposed way of working and the current challenges faced at site by the engineers, architects, and quantity surveyors, with practical demonstrations of how some of the proposed systems performed Sika and Knauf teams managed to gain a lot of insight into the challenges on site.

From Sika Tanzania Eng. Kizo Mgonda presented solutions for Utility rooms with Aesthetic imprint areas and Concrete structures solutions being presented by Pamela Msiva Kessy and Robert Kagya respectfully. The event culminated with an evening tea and great networking and exchange of information about current ongoing construction activities in Zanzibar and Tanzania in general.

HEALTHCARE SOLUTIONS FOR FLOORING

FLOORS, WALLS AND CEILINGS

The past 25th and 26th of November we had the opportunity to share knowledge as part of Sika Academy event along with Knauf, where leaders of the construction sector were able to acquire an insight on Healthcare Solutions for Flooring, Walls and Ceilings at Peduase (Aburi), a beautiful location in one of the mountains in Ghana close to the capital. The participation of Knauf, by being a well-positioned company in the manufacturer sector for construction materials and Sika which are specialized on system solutions, have made a great impact on the attendees and building a strong bond for present and future business relations.



UNNIVERSITIES

ALGERIA BUILT IT

Build it is a series of professional trainings in the field of construction that offers to an estimated 300 students, doctoral students and engineers, the possibility to acquire the necessary knowledge and specific know-how to practice a profession and to deepen their knowledge and skills to raise their qualification and evolve at a professional level.

The event was initiated by the Civil Engineering Club of the University of Science and Technology in Algeria with the collaboration of 4 companies including Sika El Djazair, the platinum sponsor under the slogan of GOLDENSHIELD in its first edition



SOUTH AFRICA ICCRRR CONFERENCE



The international conference on concrete repair, rehabilitation and retrofitting was held at the University of Cape Town's Graduate School of Business from the 2nd – 5th October 2022. ICCRRR event attracts international key players bringing together engineers, scientists, specifiers, concrete technologists, researchers and others from around the world to share knowledge and experience on current developments on the broad themes of concrete durability, condition assessment, repair technology, and associated fields.

Leading up to the ICCRRR Conference, our Cape Town contractors sales team provided training and demonstrations on our Concrete repair mortars that was done for the 30 students at UCT before the ICCRRR conference on 2-5 October 2022.

TANZANIA BUILDING

THE FOUNDATION FOR THE FUTURE OF FEMALES IN STEM

Facilitating a career guidance program for female university students is an excellent way for corporations to support women's education and empower future female leaders. As part of our corporate social responsibility, Sika Tanzania partnered with Empower, a recruitment company that developed a program called GenEm to engage and interact with university students to help them connect with potential employers and provide guidance to women who are about to embark on their professional journey.

In May 2022 we engaged with female students from the University of Dar es Salaam and the entire Sika Tanzania team spent a day with the students giving them the chance to learn about job opportunities, network and have an informative tour of the factory and gain insights into the industry. We were interested in helping them to develop skills that they would be able to use in their careers hence we held a realis-

tic business planning exercise incorporating some of the few products and solutions in Sika portfolio. This activity gave the students awareness on what they could focus on when honing their skills while job hunting and during interviews. In the end we are sure they will navigate well the job market and increase their chances of landing a job in their desired field. In the end our goal was to demonstrate our commitment to diversity and inclusion.



APPLICATORS

KENYA AND IVORY COAST FIRE STOPPING **TRAININGS**

Fire stopping is commonly treated on the active side by using the firefight means to extinguish it. But as the fire starts till it is extinguished passive fire solutions are needed.

Passive fire protection is an increasingly important part of today's building industry. It is designed to prevent the spread of fire and contain it in defined compartments to minimize damage and most importantly, save lives by allowing people time to evacuate safely.

As part of creating awareness and informing customers about the various Sika Fire Stopping solutions, Sika Kenya conducted a two-day training in Kenya and Uganda.

During this training, from the understanding of the systems till the application of it, our partners were present and challenged to apply it.

As the definition of passive fire solutions are many times done by the experienced applicators, we would like to highlight that at the same period Ivory Coast gathered the main partners and Sika Fire Stopping range was presented, together with all existing tools for a proper design as the Sika Fire Stopping Solution Finder.





SIKA NIGERIA TRAINING



Sika Nigeria conducted for the main partners the Sika Advanced Tile Setting and Sika Pool Competence Training in November 2022.

This comprehensive training consisted of presentations and hands-on applications from checking and preparation of substrates.

To different types of tile coverings (earthenware, stoneware tiles, porcelain tiles) waterproofing beneath tile setting in high loaded wet areas, application of tile adhesives in thin bed and floating buttering method, waterproofing of concrete basins, relevance of the capillary breaking barrier and how to apply properly.

I can go on and on, it was such an intense training of 3 days, and our partners experience was beyond the expected.

DISTRIBUTORS

ALGERIA EXCLUSIVELY FEMININE TRAINING





To celebrate the International Day of Women's rights, this ployees to encourage them and show Sika's commitment year, at Sika El Djazair, we have organized an exclusively feminine training dedicated to the distribution where we
To thank them for all their efforts, we have chosen to ofof Sika El Djazair in order to exchange with the women em-

for diversity.

have invited all our female customers (commercials and fer these women a handcrafted gift frame of the Berber managers) throughout Algeria for a technical day and visit symbol "the key" with the colors of Sika which represents success and hope.

BOTSWANA TRAINING



On the 7th to 9th September 2022, a few selected Botswana branch in South Africa for 3 days of applicator training. This training was done by our Botswana and local Gaut-



various flooring systems, refurbishment and sealing and customers and contractors travelled to our Sika Gauteng bonding solutions were covered together with gaining further knowledge on our concrete admixtures. A total of 9 Customers attended the training at their own cost and said eng sales team where theoretical and practical training on it is invaluable training and will attend any future events.

DESIGNERS

ALGERIA TRAINING FOR ENGINEERS

We welcomed members of the Civil Engineering Club of the University of Science and Technology Houari Boumediene as part of the Sika Academy in Algeria for a technical morning on Sika solutions where we shared and exchanged knowledge and experiences on the construction field. Sika keeps its promise, building trust!



ETHIOPIA SHARING KNOWLEDGE WITH PARTNERS



Among the core belief of Sika Abyssinia is the transfer of knowledge to the market. Sika's high end technology solutions and products are very much specialized that will help the market become more adapted to the new technology and to further enhance the knowledge of our customers, Sika Abyssinia conduct a numerous trainings for professionals and partners on several topics to support customers about Sika products and solutions.

We had more than 332 professionals from different business section which are Distributors, Applicators, Consultants and Contractors. At the end of the trainings, each participant receives a certificate of completion of the training. This is one of the ways we continue to build trust with our customers.

INTERNAL TRAININGS

ALGERIA INTERNAL KNOWLEDGE DEVELOPMENT

Since the acquisition of Mortero in 2022 by Sika in Algeria, the technical team has been reinforced by 13 people dedicated to training and technical support for customers on Sika solutions and various construction issues as well as upgrading employees' knowledge through workshops and

An annual program has been established with a target of 500 people to be trained between craftsmen, companies, architects, engineers and distributors.

The Sika Academy, remains faithful to these promises, training for all!



STORES & EXPANSIONS

SIKA EXPERT SHOP IN GHANA





On 2022, Sika Ghana had the opportunity to establish growing relations with distributors in the capital Accra. The distributors are Batimat, Premier Steel, YPT, HTC which are officially set and the ongoing process for Buildmate, the

most recent ongoing project for the Sika Expert Shop, hoping to spread across Ghana with more distributors to get in touch with the end users.





YELLOW SHOP IN RWANDA

Wherever you go - Sika is there!

7th October 2022 saw Sika Kenya launch their first yellow shop in Rwanda under their key distributor Homna Limited. The colorful event hosted the various stakeholders in the construction industry in Rwanda, where they got to learn more about the Sika range of product offering and solutions.

During the speeches, the General Manager of Sika Kenya, emphasized that their goal is to be present in all markets they operate in with a full range of the highest quality construction chemicals, on the distributors' shelves and at project sites. For which top quality products is always

Kudos to the entire Homna Limited team and Sika Kenya and Rwanda team members.

ETHIOPIA CUSTOMERS AWARD



Sika Customer Award edition celebrates the outstanding outcomes achieved in past years, together with Customers, Consultants, Suppliers and Authorities as an active part of this success.

Introduced by Mr. Oliver Hoehne, Deputy Head of Swiss Diplomatic Mission to Ethiopia, and Mr. Samuel Halala, Construction and Chemical Inputs Development Institute Director, the celebration was a great opportunity to enjoy the fruits of hard work, with comments, observations, and ideas exchanged.

The award was categorized based on the different customer groups. Among them were, Best Distributor of the Year, Best Applicator of the Year, Best RMC of the Year, Best Contractor of the Year and Best Cement Factory of the Year. In addition to the award ceremony Sika Abyssinia introduced new product ranges that will be available in 2022 as well as overall future strategies.

The event was a successful milestone that would proceed for years to come, and a demonstration of Sika Abyssinia's customer-oriented approach.

GHANA FACTORY EXPANSION

Sika Ghana is the youngest subsidiary of Sika, the process began on acquiring a land of 8,000 m², which later was added 2,400 m² of extension. This required the work of leveling the ground, and to create a suitable ground for a parking lot in the outside area, where today there is not only a parking lot but also a garden in process. The initial warehouse was 2,200 m² which was later added 1,000 m² of area. We grew from the beginning of the year from 11 team members to 20 by the closing of 2022.



















INNOVATION AND SUSTAINABLE SOLUTIONS FOR CONSTRUCTION AND INDUSTRY

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