

PRODUCT DATA SHEET

Sikalastic®-200 W

Waterproof coating for intermediate floors, interior walls, and indoor pool decks

DESCRIPTION

Sikalastic®-200 W is a single component, aqueous phase Liquid Sealing System (L.S.S) which forms an adhesive waterproof membrane after hardening, which is flexible and crack-proof.

USES

Used for waterproofing under additional hard protection (glued or sealed ceramic tiles, or screed), of intermediate floors and partition walls in all humid regions of residential, administrative, commercial buildings, hotels, educational buildings, hospitals, sports complexes, industrial and similar buildings, aquatic health-care and recreational centres, etc.

Examples of such premises are:

- Kitchens including community kitchens
- Bathrooms, shower rooms
- Sanitary rooms
- Equipment rooms
- Movement in common or private areas (corridors, stairways, access levels, etc.)
- Indoor pool decks.

The approved substrates are: concrete, mortar, plaster, water resistant and non-water resistant gypsum blocks, water resistant plasterboard, terracotta tiles, cellular concrete, wood and wood panels (CTBH, CTBX).

Wood based substrates are authorised only in private P2E2 class damp locations, without floor drain and only with glued tiled protection.

FEATURES

- Ready to use product in aqueous phase.
- High elasticity, which enables to bridge the cracks
- Waterproof
- Can be quickly covered with a hard protection: glued or sealed tiles, coated screed (plastic floors, resin coating, etc.)
- Good adhesion on concrete, mortar, plaster, water

resistant or non-water resistant gypsum blocks, water resistant plasterboard, terracotta tiles, cellular concrete, wooden and wood-based panels (CTBH, CTBX).

SUSTAINABILITY

Information on the emission level of volatile substances into the indoor air presenting a risk of toxicity by inhalation, on a scale ranging from class A+ (very low emissions) to C (high emissions): Sikalastic®-200 W is classified A+ "very low emissions".

PRODUCT INFORMATION

Composition	Aqueous dispersion of styrene-butadiene copolymers.
Packaging	<ul style="list-style-type: none">▪ Buckets of 10 and 25 kg.▪ CP of 1 260 kg
Shelf life	An unopened bucket can be preserved for 12 months.
Storage conditions	Prevent the product from freezing. Store sheltered from humidity between 5 and 30°C.
Colour	Straw yellow
Density	Approximately 1.2
Solid content by mass	Approximately 67% (by weight)
Thickness	Minimum of 1,0 mm.
pH-Value	Approximately 9

TECHNICAL INFORMATION

Tensile adhesion strength	[EN 14891] In the initial state: ≥ 0.4 MPa After heat ageing (14 days at +70°C): ≥ 0.4 MPa After immersion in water (20 days): ≥ 0.4 MPa After immersion in lime water (7 days): ≥ 0.4 MPa
Tear strength	<ul style="list-style-type: none">▪ EN 1062-7 In the initial state at 23°C: 0.75 mm After heat ageing (14 days at +70°C): 0.75 mm <ul style="list-style-type: none">▪ XP P 84-372 In the initial state at -5°C: 3.9 mm After ageing according to XP P 84-372 at -5°C: 3.8 mm
Water penetration under pressure	No water leakage at 0.15 MPa [EN 14891]

APPLICATION INFORMATION

Consumption	To create a waterproof coating that is resistant to cracks, Sikalastic®-200 W must have a minimum thickness of 1mm after hardening, which corresponds to 2.2 kg/m ² to be applied in two coats in all areas (floor and wall) to be waterproofed. The actual quantity to be applied depends on the roughness and porosity of the substrate. A lower consumption on the walls (approximately 800 g/m ² in two coats) enables to effectively protect the substrates that are sensitive to water but do not provide waterproofing according to the Professional Rules.						
Layer thickness	Minimum of 1,0 mm.						
Ambient air temperature	The application temperature must be between +5°C and +35°C. The temperature of the substrate must be 3°C above dew point.						
Relative air humidity	During application and on the following days, the relative humidity must be less than 75% to enable drying and curing of the coating.						
Drying time	Skin formation time on non absorbent substrate : <table border="1"><tr><td>5°C</td><td>20°C</td><td>35°C</td></tr><tr><td>7 hours</td><td>4 hours</td><td>2 hours</td></tr></table>	5°C	20°C	35°C	7 hours	4 hours	2 hours
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BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary

due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

Sikalastic®-200 W is not designed to waterproof roof terraces, slabs-on-ground or structures where the substrate experiences upwelling of humidity, reservoirs or casing work.

Do not protect Sikalastic®-200 W with glued tiles in community kitchens

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

After preparing the surface suitably, the substrate must be particularly clean, sound, free from all non-adhering particles, and free from products that could harm the adhesion of SikaLastic®-200 W (laitance, grease, oil, curing compound, etc.).

In order to ensure quality and consistency of the coating, it must have a fine and uniform appearance.

A slope of 1% must necessarily be created on the substrates before applying SikaLastic®-200 W.

Concrete and mortar substrate

The substrate must be cured for at least 28 days and have a surface cohesion of minimum 1MPa.

SikaLastic®-200 W is compatible with a damp substrate but not one that is seeping. Make sure it is free from any water films or puddles on the surface.

Depending on the case, sand the asperities, repair holes and potholes or carry out a surface finishing.

For substrates with high porosity, it may be necessary to apply a filler priming coat of SikaLastic®-200 W diluted 1/1 by volume with water. Consumption: approximately 500 g/m². Delay before recoating: approximately 10 hours.

For closed substrates (absorption of a drop of water after more than 5 min), apply the SikaLevel-31W Primer or SikaLevel Primaire with a brush or a roller. Consumption: approximately 100 g/m². Waiting time before recoating: approximately 45 minutes (primer dry to the touch).

Gypsum tiles and panels, terracotta tiles, cellular concrete

After reconditioning the seals, it is necessary to dust and apply a coat of primer made up of SikaLastic®-200 W diluted 1/1 by volume with water. Consumptions:

Substrate	Consumption
Gypsum tiles and panels	Approximately 300 g/m ²
Terracotta tiles	Approximately 500 g/m ²
Cellular concrete	Approximately 750 g/m ²

Wooden or wood-based panels

Degrease and dust.

MIXING

Homogenise Sikalastic®-200 W using a propeller mixer with low rotational speed (less than 300rpm).

APPLICATION

Sikalastic®-200 W must be applied in 2 coats, using a medium-bristle roller, or a rectangular or Flemish smoothing trowel.

Apply the first coat and at special points, work the Sikarmature filling into the fresh primer coat.

The second coat must be applied on the first hardened coat (after waiting for 12 to 48 hours depending on the temperature and humidity).

Carefully close the bucket after use.

The attention of users is drawn to the utmost importance given to the treatment of special waterproofing points (raised edges, angles, gutters, siphons, pipe passages, cracks, seals, doorsteps, etc.). The singular points must be treated before the standard portion. Sikalastic®-200 W must be covered with a hard protection.

This may consist of:

Either ceramic tiles, stone slabs or similar elements, glued or sealed;

Or an uncoupled screed that can be coated.

In the case of gluing of tiles or similar elements, use adhesive mortar Sikaceram-205, SikaCeramXtra, SikaCeramFlex, SikaCeram Exterior or the SikaCeram Kitchen and Bath adhesive.

Note 2: it may be necessary to temporarily protect Sikalastic®-200 W to avoid damaging the waterproofing before applying the permanent hard protection.

Waiting time before hard protection

Glued hard protection: 12 hours after hardening of the second coat of SikaLastic®-200 W (at 20 °C).

Screed or fixed tiling: minimum 24 hours at 20°C.

CLEANING OF EQUIPMENT

With water before the product dries.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recom-

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mendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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