BUILDING TRUST
CONSTRUIRE LA CONFIANCE

PRODUCT DATA SHEET

Sikalastic®-260 Stop Aqua (CA)

Resin-based, liquid-applied waterproofing membrane

PRODUCT DESCRIPTION

Sikalastic®-260 Stop Aqua (CA) is a ready-to-apply, one-part, water-based resin, liquid-applied membrane for wetareas. The product provides a fully-bonded waterproof finish ready for the application of tiles.

WHERE TO USE

For waterproofing under the following type of tiles:
- Ceramic and porcelain tiles, quarry tiles, mosaic tiles, most stones and most cement body tiles

For the following applications (interior applications only) in wet areas such as for:
- Waterproofing shower rooms
- Waterproofing bathrooms
- Waterproofing saunas
- Waterproffing steam showers
- Other area with intermitent exposure to water

On the following substrates:
- Concrete and cementitious substrates
- Masonry
- Concrete mortar bed
- Cement backer units
- Cementitious-coated extruded foam boards
- SikaTile® underlayments and toppings

CHARACTERISTICS / ADVANTAGES

- Seamless
- Best at addressing geometrical challenges more easily compared to most waterproofing sheet membranes
- Developed with a thick consistency towards achieving proper film thickness with fewer passes helping to reduce application time compared to most other liquid applied membranes
- Spread easily onto the substrate even when using a paint roller
- Sikalastic®-260 Stop Aqua (CA) can be applied with proper spray equipment [1]
- Part of a full system including Sikalastic®-260 Stop Aqua Accessories and SikaTile® seting mortars
- 1-part ready-to-use
- Water-based
- Fast-drying
- Ready for flood testing or tiling after only 12 hours
- Low VOC content

[1] Sika recommends to back roll Sikalastic®-260 Stop Aqua (CA) when using spray equipment.

PRODUCT INFORMATION

Composition / Manufacturing	Synthetic water-based resin dispersion
Packaging	3.78 L (1 US gal.) 15.14 L (4 US gal.)
Colour	Grey

Shelf Life	15 months from date of production when stored in original, sealed package
Storage Conditions	Store in undamaged, unopened, original sealed packaging at temperatures between 13 °C and 35 °C.
CSC MasterFormat®	**09 30 00 | TILING**

TECHNICAL INFORMATION

Dry film thickness	0.5 mm (20 mil) required per layer of Sikalastic®-260 Stop Aqua (CA)
Waiting Time / Overcoating	

Layer	Waiting Time
First and second coat at +20 °C and 50 % RH	60 minutes
Second coat and tiling at +20 °C and 50 % RH	90 minutes

Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.

SYSTEMS

System Structure

The following accessories form part of the Sikalastic®-260 Stop Aqua (CA) waterprofing system which comprises of the following products:

Sikalastic®-260 Stop Aqua Reinforcing Fabric	Polypropylene tape 150 mm wide easy to fold for wall to wall or wall to floor corners. Can easily be cut to size with scissors or a razor knife
Sikalastic®-260 Stop Aqua Wall Patch; Floor Patch; Inside Corner Patch and Outside corner Patch	Thermoplastic elastomers (TPE) with polyester fleece reduces the risk of leaks through pipe entries ideal for floor drains and inside and outside corners

BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

LIMITATIONS

- Do not use where high moisture and hydrostatic conditions and/or recurring moisture problems exist.
- Not recommended for use on concrete floors when hydrostatic pressure or substrate moisture exceeds 5%.
- Do not install over moving control joints (with active cracks) or over expansion joints.
- Do not use Sikalastic®-260 Stop Aqua (CA) below 13 °C or above 35 °C and do not allow membrane or substrate to be below 13 °C for the first 72 hours.
- Do not use Sikalastic®-260 Stop Aqua (CA) in installations that will continually be in immersion conditions such as swimming pools or fountains
- Do not use membrane as an adhesive or wear surface.
- Do not use as primary roofing membrane.
- Protect containers from freezing in transit and storage.
- Do not use paper-back, mesh-back or dot mounted tile in wet areas unless the manufacturer guarantees in writing that the material is suitable for this type of installation.
- Some limestones cement body tiles and translucent stones may show wet stains. Always test first to confirm suitability.

ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

JOB SITE CONDITIONS

Maintain environmental conditions and protect work during and after installation. Comply with trade and industry standards and manufacturers printed recommendations. Turn off all forced ventilation and radiant heating systems and protect the work against drafts during installation and for at least 72 hours after completion. When necessary, use indirect auxiliary heaters to maintain an adequate temperature level in the working area (ambient and surface temperatures). Exhaust temporary heaters to the exteriorpotential harmfulness to the personal and/or to prevent damage to the work from carbon monoxide emissions. For best results, condition product at a mimimum temperature of 18 °C prior to applying. Lower temperatures may result in slower strength development and longer cure times.

SUBSTRATE QUALITY

Substrate to have adequate strength, load-bearing capacity, be dimensional stable and be permanent dry.

SURFACE PREPARATION

All supporting surfaces should be structurally sound, solid, stable and should be clean and free of dust, oil, grease, paint, tar, wax, curing agent, primer, sealer, form release agent and any deleterious substance or conditions that may prevent, reduce or inhibit adhesion or performance. Before work commences, examine the areas to be covered and report any improper condition(s) in writing to the general contractor, architect or engineer (or otherwise, the owner). User shall not proceed with the work until surfaces and conditions comply with the requirements indicated in this document; applicable industry standards; federal, provincial and local regulations, as well as good trade practices. By beginning work, the applicator/user acknowledges that the conditions are acceptable.

SUBSTRATE PREPARATION

Surface treatments or any friable areas of the substrate must be mechanically removed and the surface be repaired with one of SIKA's patching compounds or self-levelling material as required.

Concrete (and cement mortar beds)

Concrete must be cured for a minimum of 28 days (14 days for cement mortar beds or only 5 hours when using SikaScreed®-40 screed mortar). On grade or below grade concrete slabs must be installed over an effective vapour barrier. On a clean substrate free of dust, place a single drop of potable water (quarter size) on the substrate using a pipette. The concrete should turn dark. If the drop is absorbed within 60 seconds, the substrate can be considered porous (or absorptive) and acceptable for using Sikalastic®-260 Stop Aqua (CA). Otherwise, a bond test should be performed to confirm good compatibility with the substrate. If an adequate bond cannot be achieved, the concrete surface should be abraded, and additional bond tests should be conducted. Alternatively, if the water drop is absorbed very rapidly, it might be advisable to treat the surface with by applying diluted SikaLevel®-03 Primer Plus 1 part Primer Plus with three (3) parts of potable water. If an adequate bond cannot be achieved or in doubt, contact Sika Canada's Technical Service. Surface treatments or any friable areas of the substrate must be mechanically eliminated, and the surface be repaired with an appropriate Sika® patching compound as required.

MIXING

Sikalastic®-260 Stop Aqua (CA) is 1-part and supplied ready to use directly without stirring.

APPLICATION

IMPORTANT: Waterproofing is a critical part of an tile installation in a wet area, Sika strongly recommends that the user reads and understands the following steps before beginning application.

Note: Always apply Sikalastic®-260 Stop Aqua (CA) at 0.5 mm (20 mil) wet thickness at each step.

Pre-treating cracks, gaps in corners and coves that are greater than 1 mm (40 mils)

Fill with SikaLevel®-115 Skim Coat (feather-edge up to 13 mm [0.5 ib]). For deeper filling and large gaps around drain holes use Sikaset® Plug or Sikascreed®-40. Let dry at least 10 minutes for Sikaset® Plug, 60 minutes (or until completely dry) for SikaLevel®-115 Skim Coat, 5 hours for Sikascreed®-40.

Pre-treating drains

Allow any recently prepared areas to dry. Over a properly sloped floor (note: slope to drain should be 6 mm per 300 mm [2%]). Must be of the clamping ring-type with weep holes for setting material application. Drain should be even, level, plumb and fully supported, without movement. Apply a liberal coat of Sikalastic®-260 Stop Aqua (CA) with a clean paint brush around and over the bottom drain clamping ring. Promply position Sikalastic®-260 Stop Aqua (CA) Floor Patch. A toilet flange can be treated in the same manner.

Pre-treating substrate to wall transitions, wall to wall transitions, inside or outside corners (for shower bases or curbs)

Allow any recently prepared areas to dry. Apply a liberal coat of Sikalastic®-260 Stop Aqua (CA) using a clean paint brush. Fold Sikalastic®-260 Stop Aqua Reinforcing Fabric in two and promptly position to the substrate to wall or wall to wall transitions into the wet Sikalastic®-260 Stop Aqua (CA). Apply Sikalastic®-260 Stop Aqua Wall Patch (at wall piping), Sikalastic®-260 Stop Aqua Inside Corner Patches or Sikalastic®-260 Stop Aqua Outside Corners Patches into the wet Sikalastic®-260 Stop Aqua (CA). Check and confirm for proper coverage to the Reinforcing Fabric and to the Patch. Once the membrane dries to touch (generally 1 hour), apply a second coat at 0,5 mm (20 mil) wet thickness, “sandwiching” the reinforcing fabric or patches. Total membrane thickness after drying should be between 0.75 mm and 1 mm (30 mil and 35 mil).

Completing general waterproofing

Apply Sikalastic®-260 Stop Aqua (CA) at a rate of one 1 L/m² (50 ft²/US gal) using a paint brush or 10 mm (3/8 in) nap paint roller. Periodically, check the film thickness with a wet film thickness gauge. After drying, cut out the membrane from the drain opening (throat). Locate and punch through the bolt holes. Set the upper clamping ring onto the dried membrane with a continuous bead of Sikasil® WS-295 silicone caulking or similar material about 13 mm (1/2 in) from the drain opening. Bolt the drain collar into place while sealant is still fresh.

Flood testing

Although flood testing is not mandatory, Sika advises that it is good practice to confirm all is in order before tiling work begins. Sikalastic®-260 Stop Aqua (CA) should cure at least 12 hours at 23 °C and 50 % ambiant relative humidity. Consult ASTM D5957 Standard Guide for Flood Testing Horizontal Waterproofing Installations for important information.

Protection

Protect from traffic, dirt, or dust from other trades. Membrane must be covered until the installation of the floor covering.

CLEAN UP

Clean all tools and application equipment with water after use. Hardened material can only be mechanically removed.

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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

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