

PRODUCT DATA SHEET

SikaTile®-152 Damp Flex

READY-TO-USE FLEXIBLE ACRYLIC WATERPROOFING MEMBRANE

DESCRIPTION

SikaTile®-152 Damp Flex is a ready-to-use acrylic waterproofing membrane for watersensitive substrates.

USES

- Main use: Waterproofing for bathrooms, kitchens, and drywall substrates (e.g., fiber cement board) before tile installation.
- Interior walls/Floors.
- Substrates: concrete, mortar, plasterboard, dry screed, fiber cement board (Please contact our company for other specific substrates).
- Can be used on top of existing tiles for tile-on-tile application (Please contact our company for more information).

FEATURES

- High Flexible and high elongation.
- Protection of water-sensitive substrate.
- Ready to use.
- Compliant with standard EN 14891.

PRODUCT INFORMATION

Composition	Special styrene acrylic copolymer resins, fine mineral filler and admixture.
Packaging	20 kg/pail
Appearance and colour	Blue paste
Shelf life	12 months from the date of production if stored in undamaged and unopened, original sealed packaging.
Storage conditions	Store in dry condition and protected from direct sunshine.
Density	1.3 - 1.4 kg/cm ³
pH-Value	8 - 10

TECHNICAL INFORMATION

Dry film thickness	≥ 0.5 mm
Elongation	> 350%

Tensile adhesion strength	Initial	> 0.5 MPa (28 days)
	Water immersion	> 0.5 MPa (28 days)
	Heat aging	> 0.5 MPa (28 days)
Crack bridging ability	> 2 mm.	

APPLICATION INFORMATION

Consumption	1 - 1.5 kg/m ² for 2 coats at 0.5 mm total thickness.
Ambient air temperature	+10°C to +35°C
Drying time	Drying time between 2 coats is approximately 2 - 4 hours. Drying time before tiling is approximately 12 hours minimum after the second coat.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

- Not suitable for Swimming pools, basins, or industrial premises.
- Roof terraces and exposure to outdoor facades (Please contact the company for other specific substrates).
- Minimum 2 coats (minimum total thickness on drying = 0.5 mm)
- SikaTile®-152 Damp Flex must not be allowed to dry too quickly. Critical conditions e.g. wall side contact with the sun should decrease water absorption and heat accumulation by using primer.
- High-traffic areas should be protected against abrasion.
- Do not re-dampen between coats.
- Do not use acid-based cleaning products.
- Gloves should be worn. In confined environments, do not expose the product to water or steam at a temperature above +40°C.
- Do not add any binder or admixture.
- The substrate must have a level surface to ensure a constant mortar thickness.
- Refer to the Safety Data Sheet.

ECOLOGY, HEALTH AND 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

SUBSTRATE QUALITY / PRE-TREATMENT

- Substrates must be clean, solid, sound, and free from dust, oil, laitance, and any other contaminants. The substrate must also be completely dry.
- Specific jointing issues must be addressed before the

main application begins.

- If a joint sealing strip (LANCO Glass Fiber Mesh / Sika® SealTape F) is used, it must be embedded into the first coat of SikaTile®-152 Damp Flex
- The joint sealing strip must then be immediately covered with a second coat of SikaTile®-152 Damp Flex
- The overlap between two strips must be at least 5 cm.

MIXING

SikaTile®-152 Damp Flex is ready to use. Do not dilute.

APPLICATION

- Apply a minimum of 2 cross-coats with a roller or brush.
- Apply the first coat allowing a rough but reasonable quantity of 0.4 kg to 0.5 kg/m².
- Allow the first coat to dry for 3-4 hours. The surface of SikaTile®-152 Damp Flex must be touch-dry before applying the second coat)
- Apply a second coat allowing a quantity of 0.4 to 0.5 kg/m². The drying period of the second coat is around 4 to 24 hours (temperature dependent)
- The total thickness of the covering should be at least 0.5 mm.

Time before covering

- SikaTile®-152 Damp Flex can be covered with tiles within 12 hours minimum to 7 days maximum after the final coat (bonded with tile adhesive, SikaTile®-360 XL or SikaTile®370 XL Multi Purpose.)

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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 recommendations, 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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