

SYSTEM DATA SHEET

Sikalastic®-220 W System

WATERPROOFING SYSTEM FOR WET ROOMS BELOW TILING, WITH
CE MARKING TO ETAG 022



DESCRIPTION

Sikalastic®-220 W System consists of the following components: Primer, liquid applied membrane, sealing tape and tile adhesive. It provides a fully bonded waterproof protective layer below tiles and is suitable for both private and public wet rooms.

USES

- Waterproofing shower rooms
- Waterproofing bathrooms
- Walls and floors
- Residential and public areas

CHARACTERISTICS / ADVANTAGES

- Conforms to ETAG 022 Part 1
- Full system for waterproofing and tiling in wet rooms
- Crack bridging
- Low emissions
- Ready to use waterproofing liquid applied membrane

SUSTAINABILITY

- VOC emission classification GEV-EMICODE EC 1: Sikalastic®-220W
- VOC emission classification GEV-EMICODE EC 1^{PLUS}: Primers, sealing tape, tile adhesives (except SikaCeram®-355 StarPaste)

APPROVALS / CERTIFICATES

- CE Marking and Declaration of Performance to ETAG 022 Part 1 - Watertight covering kit for wet room floors and walls based on liquid applied coverings
- CE Marking and Declaration of Performance to EN 12004 – Adhesives for ceramic tiles

PRODUCT INFORMATION

Packaging	Refer to individual product data sheet
Shelf life	Refer to individual product data sheet
Storage conditions	Refer to individual product data sheet

SYSTEMS

System Structure

1. Primer:	
Substrate	
Absorbent substrates (gypsum plasterboards, calcium sulfate screeds...)	SikaFloor®-01 Primer (1.1) or SikaFloor®-03 Primer
Non absorbent substrates (ceramic...)	SikaFloor®-02 Primer
2. Sealing tape: Sika® SealTape F (bonded with Sikalastic®-220W)	
3. Waterproofing: Sikalastic®-220W	
4. Tile adhesives: SikaCeram®-250 StarFix, SikaCeram®-260 StarFlex, SikaCeram®-270 MultiFlow, SikaCeram®-290 StarLight, SikaCeram®-295 StarS2, SikaCeram®-355 StarPaste	

APPLICATION INSTRUCTIONS

EQUIPMENT

Primer

- Application: roller

Liquid applied membrane

- Application: roller or trowel

Sealing tape

- Application: flat spatula

Tile adhesive

- Mixing: mixer with spindle paddle

- Application: notched trowel

SUBSTRATE QUALITY

The substrate must be sound, clean, dry and free of all contaminants such as dust, dirt, oil, grease, cement laitance, previous coatings and other surface treatments that could cause poor adhesion.

SUBSTRATE PREPARATION

Cementitious substrates shall be prepared mechanically using suitable equipment such as abrasive blast cleaning/ planing/ scarifying/ grinding to remove cement laitance and achieve an open textured surface profile suitable for the product thickness.

Surface treatments or any "friable" areas of the substrate must be mechanically removed and the substrate repaired with Sika levelling compounds. All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by vacuum cleaning equipment.

MIXING

Refer to the individual product data sheet.

APPLICATION

Primer

Ensure a continuous, pore free primer coat covers and seals the substrate.

Movement joints and floor / wall connection joints

Seal with the appropriate Sika® SealTape F and appropriate inside/outside components. Use Sikalastic®-220 W System to bond all SealTape F products.

Floor drains and pipes

Seal with Sika® SealTape F. Use Sikalastic®-220 W System to bond SealTape F.

Waterproofing

After floor priming and Sika® SealTape application. Ap-

ply 1st layer of Sikalastic®-220 W System using a roller or steel trowel.

Apply 2nd layer after allowing appropriate waiting/ overcoating times.

When Sikalastic®-220 W System has completely dried, apply tile finish system.

For application of SikaFloor® primer and Sika® SealTapes. Refer to the individual Product Data Sheets.

Tiling

Tile adhesive is applied using a suitable notched trowel.

Apply adhesive to the prepared fixing surface with the appropriate trowel and comb to the required bed thickness. Coverage on the back of the tiles should be 100 % for wet/immersion conditions and floor tiles.

Tiling must be carried out on freshly applied adhesive, exerting adequate pressure to ensure complete and uniform contact with the adhesive for optimum bond.

CLEANING OF EQUIPMENT

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

IMPORTANT CONSIDERATIONS

Not suitable for external waterproofing ie balconies or terraces.

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.

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 the exact product data and uses.

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.

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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