BUILDING TRUST

PRODUCT DATA SHEET

SikaFill®-365 Terrace

ELASTIC WATERPROOFING COVERING FOR ROOFING.

DESCRIPTION

Elastic covering of creamy consistency, using styrene acrylic co-polymers in watery emulsion which, once dry, forms a flexible, waterproofing and durable film. Duralastic Technology.

USES

Waterproofing of roofs on different types of substrates:
- Very porous tile terrace.
- Pneumatically applied polyurethane.
- Fibrocement.
- Zinc.
- Aluminium.
- Wood.
- Tiles.
- Brick.
- Mortars.
- Concrete.
- Asphalt sheets with finishing of aluminium or slate,etc.

Protection of partition walls against surface water filtrations.
- Vertical side walls, pipings, etc.
- Bridging of joints and cracks.
- Repair of tiles and zinc eaves gutters.
- Treatment of meeting points in chimneys.

To apply on PVC or polyester substrates and on top of paint. It is recommended to carry out previous tests to determine compatibility and whether it is necessary to carry out a sanding beforehand.

FEATURES

- Waterproof to rain and splashes.
- High elasticity.
- Passable.
- High weather resistance.
- Easy cold application by conventional methods.
- It can be mixed without any difficulty and it does not present clots, lumps or hard deposits.
- Good penetration in cracks and it is resistant to cracking.
- It can be used in areas with dilation movements without cracking.
- Good adhesion to most substrates: concrete, mortar, fibrocement, tiles, bricks, steel, zinc, aluminium, bituminous.
- Water based, not toxic or inflammable.

CERTIFICATES AND TEST REPORTS

Roof waterproofing system applied in liquid form, based on polymers in aqueous dispersion certified with the document of suitability. European Technical Institute (DITE) No 08/0270.

PRODUCT INFORMATION

Composition	Watery emulsion using styrene-acrylic copolymers.
Packaging	5 kg and 20 kg cans.
Colour	Grey, white and red viscous liquid.
Shelf life	12 months from date of production.
Storage conditions	Stored in undamaged and unopened, original well-sealed bags. Store in cool and dry conditions. Protect it from frosts and direct sunlight.

Density	Approx. 1.3 kg/l.	
Tensile strength	Min. 10 kg/cm²	UNE 53165
Tensile strain at break	350%	UNE 53165
Foldability at low temperature	It does not crack.	UNE 53358
Temperature resistance	Mass loss < 10% Elongation loss < 35%	UNE 53358
Artificial ageing	Mass loss < 40% 1000 h at 70ºC	UNE 53104
Yield	On roofs and terraces: at least 2 kg/m² in two or more layers. On vertical walls: at least 1 kg/m² applied in two coats.	
Ambient air temperature	Min. +5º C / Max. +35ºC.	
Substrate temperature	Min. +5º C / Max. +35ºC.	
Drying time	Not tacky: Approx. 2 hours. Total curing: Approx. 3-5 hours. (at 20ºC)	(UNE 48086)
System structure	For vertical walls: 1 Priming Layer with diluted SikaFill®-365 Terrace. (For very porous substrates). 2 Layers of SikaFill®-365 Terrace. For roofing: 1 Priming Layer with diluted SikaFill®-365 Terrace. (For very porous substrates). 1 Layer of SikaFill®-365 Terrace. Placement of ArmaFill ® mesh. 1 Layer of SikaFill®-365 Terrace. For roof coverings complying with DITE (System Thickness 1.9mm). Primer: 1x SikaFill®-365 Terrace diluted with water 20:80. 1st coat: 1x SikaFill®-365 Terrace (consumption ~ 1.5 kg/m2). Embeber Sikalastic® Fleece-120. 2nd layer: 1x SikaFill®-365 Terrace (consumption ~ 1.0 kg/m2).	

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

- It should not be used in places where it is in permanent contact with water, due to storage, flooding or condensations.
- It is a finishing paint. Not to be covered.
- In case that a membrane of greater mechanical resistance is wanted, insert the Armafill glass fabric reinforcement into the system or insert any other reinforcing system that is compatible with Sikafil.
- Do not place piercing/sharp objects on the treatment.
- Not recommended for constant or very long immersion in water.
- At least 2 coats must be applied on the primer.
- In order to obtain good adhesion on asphalts sheets with an antiadhesive polyethylene film, it has to be burnt before applying the product.

ECOLOGY, HEALTH AND SAFETY

APPLICATION INSTRUCTIONS

MIXING

Mix SikaFill®-365 Terrace (manually or with a low-revolution mixer) until it is completely homogeneous.

APPLICATION

Apply with a short-haired wool roller, brush or by airless gunning. Using a short-haired roller or a brush, apply a layer of the product diluting 3 parts of Sikafill per 1 part water, making sure that it penetrates well in all the cracks. Once the priming layer is dry (approximately 12 hours
after having applied it in normal temperatures and relatively humid conditions), add successive layers
of SikaFill®-365 Terrace until the desired film thickness is obtained. Before applying a layer, the previous one has to be completely dry. Depending on the uses, and in the case of its use being necessary, the Armafill glass fabric reinforcement will be placed on the first, still fresh coat of SikaFill applied without diluting, cov-

ering it with a second layer of SikaFill again without diluting.

Characteristics	Armafill
Material:	Glass fabric
Weight:	64 g/m²
Thickness:	0.1 mm
Mechanical resistances:	-
Wrap:	19 kg/cm²
Weft:	17 kg/cm²
Packaging:	1 x 50 m

CLEANING OF EQUIPMENT

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

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 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.