

## PRODUCT DATA SHEET

# SikaFill®-365 Terrace

Elastic waterproofing covering for roofing

## DESCRIPTION

SikaFill®-365 Terrace is an elastic covering of creamy consistency, based on styrene-acrylic copolymers in aqueous emulsion. SikaFill®-365 Terrace after curing forms a flexible and durable waterproofing membrane using Duralastic technology.

## USES

Waterproofing of roofs on different types of substrates:

- Very porous tile terrace
- 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

## PRODUCT INFORMATION

<b>Composition</b>	Watery emulsion using styrene-acrylic copolymers
<b>Packaging</b>	5.0 kg and 20.0 kg pails
<b>Shelf life</b>	12 months from the date of production
<b>Storage conditions</b>	Stored in undamaged and unopened, original well-sealed bags. Store in cool and dry conditions. Protect it from frost and direct sunlight. Always refer to packaging.
<b>Colour</b>	White, Grey and Terracotta

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 resistant to cracking
- Good crack bridging properties
- Good adhesion to most substrates: concrete, mortar, fibrocement, tiles, bricks, steel, zinc, aluminium, bituminous
- Water based, not toxic, 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 Assessment (ETA) No 08/0270.

Density	~1.3 kg/lt	
Tensile strength	≥10 kg/cm <sup>2</sup>	(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 70 °C	(UNE 53104)
System structure	<p><b>For applications on vertical walls:</b> Primer: 1x SikaFill®-365 Terrace diluted. (For very porous substrates) Coating: 2x SikaFill®-365 Terrace</p> <p><b>For applications on roofing:</b> Primer: 1x SikaFill®-365 Terrace diluted. (For very porous substrates) Coating: 1-2x SikaFill®-365 Terrace (2 coatings in cases of Sika® Fibernet embedding for reinforcement)</p> <p><b>For applications on roof coverings complying with ETA (System Thickness 1.9mm):</b> Primer: 1x SikaFill®-365 Terrace diluted with water at a ratio of 20:80 1st coat: 1x SikaFill®-365 Terrace (consumption ~1.5 kg/m<sup>2</sup>) Reinforcement: Sikalastic® Fleece-120 / Sika® Fibernet 2nd layer: 1x SikaFill®-365 Terrace (consumption ~1.0 kg/m<sup>2</sup>)</p>	
Yield	<p><b>On roofs and terraces</b> At least 2 kg/m<sup>2</sup> in two or more layers.</p> <p><b>On vertical walls</b> At least 1 kg/m<sup>2</sup> applied in two coats. These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level and wastage, e.t.c.</p>	
Ambient air temperature	Minimum	+5 °C
	Maximum	+35 °C
Relative air humidity	≤75 % r.h.	
Dew point	<p>Beware of condensation! The substrate and uncured membrane must be at least 3 °C above the dew point to reduce the risk of condensation or blooming on the membrane finish.</p>	
Substrate temperature	Minimum	+5 °C
	Maximum	+35 °C
Drying time	Touch dry	~2 hours (at 20 °C)
	Total curing	~3 - 5 hours (at 20 °C)
		(UNE 48086)

## 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

- It should not be used in places where it is in permanent contact with water, due to condensations or roof inclination
- SikaFill®-365 Terrace is a finishing paint. It must not

be coated

- In case a membrane with higher mechanical resistance is required, embed Sika® Fibernet or Sikalastic®-120 Fleece to the fresh coat of SikaFill®-365 Terrace according to the directions stated above
- Do not place piercing/sharp objects on the membrane
- Not recommended for constant or very long immersion in water
- At least 2 coats must be applied on the primer
- In order to obtain adhesion on bituminous sheets with an anti-adhesive polyethylene film, prior to the

application of SikaFill®-365 Terrace, the film must be burned and dry quartz sand must be applied, while the bituminous coating is still tacky

## 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

### EQUIPMENT

#### Substrate preparation equipment

- Abrasive blast cleaning / planing / scarifying or grinding equipment
- High pressure power washer

#### Mixing Equipment

- Electric single paddle mixer

#### Application Equipment

- Brush
- Roller
- Airless spray

### SUBSTRATE QUALITY

Concrete substrates must be sound and of sufficient compressive strength ( $\geq 25$  N/mm<sup>2</sup>) with a minimum pull off strength of 1.5 N/mm<sup>2</sup>.

### SUBSTRATE PREPARATION

All surfaces to be coated should be thoroughly cleaned by conventional means. The substrate must be clean and free from all contaminants such as dirt, oil, grease, coatings and surface treatments, e.t.c. which prevent adhesion.

Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed. Repair the substrate, using appropriate Sika Mono-Top® or SikaRep® repair mortars.

All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum.

### MIXING

Prior to application, stir SikaFill®-365 Terrace gently but thoroughly at least for 1 minute in order to achieve a homogeneous mixture. For mixing, an electric single paddle mixer (300-400 r.p.m.) with a spiral blade can be used.

#### Sika Hellas ABEE

15, Protomagias Str.  
GR 145 68, Kryoneri, Attica  
Tel.: +30 210 81 60 600  
E-mail: info@gr.sika.com  
www.sika.gr



#### Product Data Sheet

SikaFill®-365 Terrace  
March 2024, Version 02.02  
020915101000000101

## APPLICATION

Using a short-haired roller or a brush, apply a layer of the product as a primer (dilute it with water at a ratio of 3 parts product and 1 part water and mix it until it becomes completely homogeneous), ensuring that it penetrates well into the substrate and all the cracks.

Once the priming coat is dry (after approx. 12 hours in normal conditions) apply successive layers of SikaFill®-365 Terrace until the desired film thickness desired is achieved. Before applying each layer, the previous one must have completely dried (full cure).

Depending on the uses, and in the case of requirements for embedding a reinforcement net, follow the instructions stated at "System Structure". Sika® Fibernet or Sikalastic® Fleece-120 must be placed on the first, still fresh, undiluted coat of SikaFill®-365 Terrace covering it with a second, undiluted layer of SikaFill®-365 Terrace. The edges of Sika® Fibernet or Sikalastic® Fleece-120 must be overlapped between 5 and 10 cm. For more information refer to the Product Data Sheet of the chosen reinforcement.

### CLEANING OF EQUIPMENT

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

## 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.

SikaFill-365Terrace-en-GR-(03-2024)-2-2.pdf