BUILDING TRUST

PRODUCT DATA SHEET

SikaWall®-63 ETICS Primer

Water dispersed primer for finishing coating of external thermal insulation composite systems

DESCRIPTION

SikaWall®-63 ETICS Primer is a pigmented, water dispersed primer, suitable for final renders including finishing coating of External Thermal Insulation Composite Systems (ETICS).

USES

- Designed for use as primer for the finishing coating of the Sikatherm® External Thermal Insulation Composite Systems (ETICS)
- Suitable for being applied as primer for paste-like renders indoors and outdoors
- Suitable for being applied on concrete, mortars, drywall boards and coated surfaces

FEATURES

- Easy to apply
- Water repellent
- Suitable for being applied as the primer for either acrylic or silicone based renders
- Very good adhesion on various substrates
- Available in a wide range of colours for a uniform final colour shade

CERTIFICATES AND TEST REPORTS

- CE Marking and Declaration of Performance to EAD 040083-00-0404 - External Thermal Insulation Composite System (ETICS) with rendering

PRODUCT INFORMATION

Composition	Acrylic dispersion
Packaging	5 kg and 25 kg pails
Appearance and colour	Viscous liquid in a wide range of colours
Shelf life	12 months from date of production
Storage conditions	The Product must be stored in original, unopened and undamaged sealed packaging, in dry conditions, at temperatures between +5 °C and +35 °C. Protect from direct sunlight and frost.
Density	1.55 ± 0.05 kg/lt (EN ISO 2811-1)

APPLICATION INFORMATION

Consumption	0.15 – 0.25kg/m², depending on substrate's absorption
Ambient air temperature	Min +5 °C /Max +35 °C
Substrate temperature	Min +5 °C /Max +35 °C
Waiting time to overcoating	Tack free after ~3 – 4 hours (23 °C / 50 % R.H.) Overcoating after ~12 – 24 hours, depending on the prevailing conditions

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

- Proper organization of the construction site and correct storage of products
- Through the entire application, drying and hardening phase, the ambient, substrate and material temperature must be at least +5 °C
- Unfavorable weather conditions, such us temperatures above +35 °C, wind and direct exposure to the sun, can also affect the application properties
- Suitable scaffolding nets should be provided in order to protect the facade, the substrate and the individual layers against external weather influences (sun, wind, rain)
- Prior to the application, check the color shade and the sufficient quantity of SikaWall®-63 ETICS Primer on site, for the complete application
- For exact color matching, ensure that SikaWall®-63 ETICS Primer has the same batch number on each section of the facade. Surfaces, from one corner of the wall to the other, are defined as sections
- In case that the application process has to stop, do so near joints, balconies or areas with sharp lines, so when the application restarts, the connection marks will be less obvious
- In case of SikaWall®-63 ETICS Primer application from different batch numbers, stir the content of 2 or more pails in a large container. When sufficient quantity of the prepared compound (for example half of it) is used, stir the remaining material with the content of the next pail following the same process, in order the final color shade to be uniform for whole application
- The waiting time between application of SikaWall®-63 ETICS Primer and a SikaWall® final render is strongly affected by the prevailing environmental conditions. Waiting time is at least 12 hours. In cases of low temperatures, waiting time can increase

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

SUBSTRATE QUALITY / PRE-TREATMENT

The substrate must be dry, sound and free from cracks, oil, grease, loose and friable particles, which could affect the correct application of SikaWall®-63 ETICS Primer.

Rendering / Coated surfaces
The substrate must be sound, free from dust, dirt, friable parts, grease, efflorescence, e.t.c. Dirty, greasy substrate must be prepared by hydroblast (max 200 bar) with suitable cleaning agents. Rinse off with clear water and allow to dry. Old existing layers must be checked in order to verify their adhesion to the substrate and must be completely removed if they are considered as unsuitable substrate.

Concrete
The substrate must be mature (at least 28 days old). Dirty and greasy substrates must be prepared by suitable mechanical methods, such as high pressure hydroblast (max 200 bar) with suitable cleaning agents. Rinse off with clear water and allow to dry. Repairs of the substrate and filling of blowholes/voids, must be carried out in a separate working step, using appropriate mortars (e.g. SikaRep® / Sika MonoTop® range). Observe drying times.
When alignment work is needed, apply SikaWall®-1050 Elite or SikaWall®-1030 Easy for rendering as base coat by embedding SikaWall®-9160 Mesh GR/GR Flex, and wait for them to dry out.

Masonry/ Drywall Boards
The substrate must be prepared mechanically in order to remove friable parts or remnants of old mortars. Dusty substrate should be cleaned by brushing or by high pressure hydroblast (max 200 bar) and with suitable cleaning agents in case of greasy substances. Rinse off with clear water and allow to dry. Repair and smooth over any irregularities and cavities in a separate working step, using suitable masonry mortars (e.g. SikaRep®-200 Multi). Observe drying times. When alignment work is needed, apply SikaWall®-1050 Elite or SikaWall®-1030 Easy for rendering as base coat by embedding SikaWall®-9160 Mesh GR/GR Flex, and wait for them to dry out.
Moisture protection is a critical consideration, as the presence of moisture may cause swelling of the substrate, particularly in drywall boards. In all cases, rising moisture phenomena must be treated and damp areas must dry out prior to the application.
After allowing the base coat sufficient time to harden, SikaWall®-63 ETICS Primer can be applied. Apply one layer of SikaWall®-63 ETICS Primer diluted with 15 % by weight of clean water depending on substrate's absorption and wait for 12 – 24 hours, depending on the prevailing conditions. If needed, select the appropriate color of SikaWall®-63 ETICS Primer, in order to ensure that the application will not encounter issues concerning the tint (differences on shades, e.t.c.)
For further technical information, please consult our Technical Department.

MIXING

Dilute SikaWall®-63 ETICS Primer with ~15 % by weight of clean water, using a low speed electric mixer (max 500 rpm). Mix continuously for 3 – 4 minutes until a uniform mix has been achieved.

APPLICATION

Apply a continuous layer of SikaWall®-63 ETICS Primer with a roller or by airless spraying, depending on the absorption of the substrate. In case of high temperatures or high absorption of the substrate, a second layer can be applied. If needed, select the appropriate colour of SikaWall®-63 ETICS Primer, so that the application of SikaWall® final render range will not encounter issues concerning the tint (shades etc.).

CLEANING OF EQUIPMENT

Removal of fresh remnants from tools and application equipment can be carried out using water immediately after use. Hardened / cured material can only be mechanically removed.

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.

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