



BETEK THERMAL INSULATION GROUP

BETEK COATING WITH SILICONE (THIN GRAIN 1.5 mm)

DESCRIPTION

Betek Coating With Silicone Thin Grain is an acrylic-based, silicone-added, patternable, ready-to-use exterior thermal insulation system coating with increased water resistance and breathability thanks to the new generation silicone technology.

APPLICATION AREAS

Used safely on finish plaster, smooth rough-cast, concrete, gas concrete or on old self-supporting silicate or acrylic-based paints for refreshing or on thermal and sound insulation materials like polystyrene-based and rock wool plates.

SPECIFICATIONS

- Thanks to its new generation silicone technologies, **MAXIMUM WATER RESISTANCE AND BREATHING!**
- Thanks to its resistance to tough exterior conditions, **LONG LASTING!**
- Thanks to its new binders, **HIGH ADHERENCE AND ELASTICITY!**
- Thanks to its UV resistance, **NON-FADING COLORS!**
- Thanks to its silicone structure, **EASY TO PATTERN AND APPLY HOMOGENEOUSLY!**
- Thanks to its natural and decorative texture, **SUPERIOR COVERAGE!**

TECHNICAL SPECIFICATIONS

Brightness: Matte

Color: White and other colors.

Thickness: Max. 1.5 mm

SURFACE PREPARATION

Ensure the surface is clean, dry and secure. Apply thermal insulation plaster in 4 mm thickness, wait for the plaster to fully dry for minimum 48 hours, apply **Betektect Primer**, then move on to the application of **Betek Coating With Silicone Thin Grain**. Cover porous and absorbent surfaces like gas concrete with **Betek Coating With Silicone Thin Grain** only after priming with a thin layer using thermal insulation plaster. Ensure the old paint adherence is full for applications on old painted surfaces.

THINNING

Ready to use. Do not thin.

APPLICATION

Start application 4 to 5 days after the application of the thermal insulation plaster if **Betek Coating with Silicone Thin Grain** will be used in thermal insulation system. Mix the product inside the pail thoroughly with low-speed drill before application. Apply **Betek Coating with Silicone Thin Grain** homogeneously to the surface smoothly with a stainless steel trowel or a suitable spraying machine and remove the excess from the surface to obtain a layer at particle thickness. Pattern only after applying **Betek Coating With Silicone Thin Grain** homogeneously on the surface. Pattern by moving the stones with circular motions performed by pressing plastic or polyurethane trowel for a thin grain texture. Note that the used tools affect the pattern. Use the same type of trowel on same surfaces to prevent differences in the patterns. Scrape the trowel surface frequently to obtain a good pattern. Use the same batch numbered products on the same surface. Ensure that sufficient amount of worker work on this task to prevent overlapping on large surfaces, and ensure that product is applied in wet form up to the joint ends or detail corners without leaving a gap. Abstain from applying under direct sun light, on hot surfaces heated by sunlight, during strong winds, fog and high relative humidity, and heavy rain. Use protective canvas, if required. Ensure that the sub-layer and air temperatures are min. +5 °C and max. +30 °C during application. Protect the surface against frost and precipitation 24 hours before and after the application. Apply 3-4 bars pressure while using machine. Ensure the nozzle size is in line with the



thickness of the plaster. Ensure the product is distributed homogeneously.

DRYING TIME (at 20°C, 65% HR):

Surface dryness: 24 hours at 20 °C and 65% RH. Full dryness: 2-3 days. Low temperature and high relative humidity lengthen drying time.

CONSUMPTION

Approximately 2.5 kg/m².

Please note that specified consumption values may vary depending on the surface and application conditions. Controlled sample application must be done for precise coverage / consumption.

PACKAGING

25 kg PE Pail

STORAGE

2 years in its unopened package at a cool place protected from frost.

WARNING FOR COLOR PRODUCTS

CAUTION!

In colored **Betek Coating With Silicone Thin Grain** applications, definitely use **Betektect Primer**. The coating primer that you will use can be colored approximately with Betekmatic tubes. Use the products with the same batch number or mix products with different batch numbers since color differences may occur due to the use of natural substances.

Hazard statements

H317 May cause an allergic skin reaction

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P321 Specific treatment (see on this label).

P363 Wash contaminated clothing before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations

Brightness

: Class G3

Dry Film Thickness

: Class E5

Granule Size : Class S4

Water Vapor Transmission Rate

: Class V2

Water Transmission Rate

: Class W3

Crack Coverage Capacity

: Class A0

Carbon Dioxide Permeability

: Class C0