

PRODUCT DATA SHEET

Sikafloor®-3 QuartzTop (IT)

MINERAL DRY SHAKE FLOOR HARDENER

DESCRIPTION

Sikafloor®-3 QuartzTop (IT) is one component pre-blended dry shake hardener, consisting of quartz with high hardness, in an appropriate granulometric curve and cement binder. Sikafloor®-3 QuartzTop (IT) provides a hard wearing, mineral dry shake topping for monolithic floors with medium-intense traffic. Also suitable for outdoor environments.

USES

Sikafloor®-3 QuartzTop (IT) may only be used by experienced professionals.

- hard wearing finishing for industrial concrete floor with medium and intense traffic and particular reference to shear and rolling abrasion.
- suitable for the realization of external floor such as: squares, sidewalks, ramps, garages, sports facilities.
- suitable as a dry shake hardener for concrete floors classified from A to D (Classification of concrete floors for industrial use - Table 2 of the Code of Good Practice CON.PAV.I.PER).

CHARACTERISTICS / ADVANTAGES

- Cheap
- High wear resistance
- Suitable for indoor and outdoor environments
- Easy application

APPROVALS / CERTIFICATES

Cement based screed CT-C70-F7-AR1,0 according to EN 13813

PRODUCT INFORMATION

Packaging	25 Kg bag
Appearance / Colour	Gray dry quartz sand
Shelf life	12 months from date of production
Storage conditions	Store in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C.
Maximum Grain Size	~ 2 mm

TECHNICAL INFORMATION

Abrasion Resistance	~ 67 µm (AR 1.0)	EN 13892-4 - BCA
Compressive Strength	~ 39 MPa (24 h) ~ 77 MPa (28 days)	EN 13892-2
Tensile Strength in Flexure	~ 10 MPa (28 days)	EN 196-1
Tensile Adhesion Strength	2,2 MPa	EN 1542
Reaction to Fire	Euroclass A1 fl	EN 13501-1
Penetration Depth	~ 4 mm	EN 12390-8
Water Absorption	~ 0,07 kg m ⁻² h ^{-0,5}	EN 1062-3

APPLICATION INFORMATION

Consumption	2-6 Kg/m ²
Ambient Air Temperature	min. + 5°C - max. + 30°C

APPLICATION INSTRUCTIONS

APPLICATION

Sikafloor®-3 QuartzTop (IT) is applied by broadcasting method, wet on wet, on the surface of the concrete flooring at the height of the finished floor. The product applied in the required quantity must be incorporated with the usual means, by hand or with a mechanical float (helicopter). The consumption of Sikafloor®-3 QuartzTop (IT) is a function of the type of stresses to which the flooring is subject, in terms of 2-6 kg of product per m² of surface. Orientatively the consumption of Sikafloor®-3 QuartzTop (IT) is 2 kg of product per m² and per mm of thickness.

IMPORTANT CONSIDERATIONS

- Don't apply in case of ambient temperature lower than + 5°C
- Don't apply on frozen surfaces
- Fresh Sikafloor®-3 QuartzTop (IT) must be protected from frost for at least 24 hours.
- Don't add other products
- The surface treated with Sikafloor®-3 QuartzTop (IT) must be protected against rapid evaporation by applying an anti-evaporating product such as Antisol S, Sikafloor® ProSeal W or Sikafloor® ProSeal-30

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.

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.

ECOLOGY, HEALTH AND SAFETY

Per informazioni e consigli sulla manipolazione sicura, lo stoccaggio e lo smaltimento di prodotti chimici, l'utente deve far riferimento alla più recente Scheda di Sicurezza, contenente i dati fisici, ecologici, tossicologici ed altri dati relativi in tema di sicurezza.

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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