

Sika® Flexoplast

High Build, Fiber Reinforced Bituminous Protective Coating

Description

Sika®Flexoplast is a single component, protective coating, pasty consistency, based on graded rein-forcing fibers carried in bituminous binders, containing aromatic solvents.

Uses

Sika®Flexoplast is used to protect both concrete and metal surfaces from soil and earth attack and where a thicker barrier is required.

For Example

- Covered roof constructions
- External basement walls
- Retaining walls, etc.

Advantages

Sika®Flexoplast is easily applied to both dry and damp surfaces. Other beneficial properties are:

- Ready to use, no mixing or heating
- Excellent adhesion to concrete & metal
- Non-sag on vertical surfaces
- Good resistance to soil acids, salt-water attack
- Mechanical resistance provided in one coat
- Bridges shrinkage cracks
- Unaffected by frost

Certificates

Conforms to ASTM D 1227-95 as Type 2

Product Data

Type

Bitumen reinforced with synthetic fibers

Form

Dark paste

Packaging

20 lt and 200 lt drums

Storage Condition

Store in original sealed containers in a cool, dry area under shade between +5°C and max. +35°C

Shelf life

12 month minimum if stored properly in unopened original containers

Technical Data

Form

Paste

Bulk Density (25°C)

Approx. 1.0 kg/lt

Pot life (25°C)

Tack free 5-10 hours. Full cure 2-4 days depending on climate & coat thickness.



Application

Consumption	Depending on type of structure and degree of protection required 1.5-4.0 kg/m ² , giving a thickness of up to 3 mm.
Substrate preparation	All surfaces must be clean, free from standing water and all loosely adhering particles. Steel surfaces should be thoroughly degreased and free from rust and scale. Bare metal should be primed.
Application	Always stir well before use. Spray: Using nozzle diameter 6 mm, atomizer pressure 3 - 4 and feed pressure 4 atm g. Apply one coat or two coats depending on the degree of protection required. Allow to dry 1-3 hours between coats until touch dry. Trowel: Apply 1st coat with notched trowel (tooth size 3 mm), 2nd coat is applied by standard trowel.
Important Remarks	For a completely non-porous, watertight coating always apply 2 coats. Maintain minimum substrate temperature of +2°C - Avoid applying in direct sunlight. Where required, thin with Sika Thinner 13 to a maximum of 5%. Do not mix with Igolflex. - Ensure adequate ventilation. Contains volatile solvent.
Cleaning	Clean all tools and equipment immediately after use with Sika Thinner 13 or Colma Cleaner.
Safety	For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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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