

PRODUCT DATA SHEET

Flexoplast®

BITUMINOUS PROTECTIVE COATING

DESCRIPTION

Flexoplast® is a single component protective coating of pasty consistency based on bituminous binders. Suitable for tropical and hot climatic conditions.

USES

Flexoplast® is used to protect concrete from soil as damp-proofing membrane.

For example:

- Civil engineering foundations
- External basement walls
- Retaining walls, etc.

CHARACTERISTICS / ADVANTAGES

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.
- Non-sag on vertical surfaces (Thixotropic paste)
- Good resistance to soil acids, salt-water attack.

PRODUCT INFORMATION

Composition	Bitumen
Packaging	20 L and 200 L drums
Shelf life	12 months from date of production when stored properly in original unopened containers.
Storage conditions	Store in original sealed packaging, in cool and dry conditions under shade between +5 °C and +40 °C.
Colour	Dark Brown Black when dry
Density	~1.05 kg/L (at +25 °C)
Solid content by mass	~60 % (ASTM D2939)

APPLICATION INFORMATION

Consumption	Depending on type of structure and degree of protection required: 0.5 – 1.0 L/m ² / coat, with minimum 2 coats are recommended, higher rate of coverage is required depending on the porosity of the substrate. It can be built-up from 1 mm and up to 3 mm by adding more coats.
Ambient air temperature	+5 °C to +40 °C

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

- For a completely non-porous, damp roof coating always apply 2 coats.
- Maintain minimum substrate temperature of +5°C.
- Avoid applying in direct sunlight.
- For very porous surface, thin with water to a maximum of 5%, and use as primer.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces shall be made on the area by removing loose and friable material, protrusions by using soft broom stick or cleaning with water to remove fine dust from the surface. Oil, grease and paints or other contaminants shall be removed by using rug cloth and paint scraper respectively.

MIXING

Drums might need to be stirred well before use if stored for long time.

APPLICATION

Flexoplast® should be applied by brush or roller or trowel.

CLEANING OF EQUIPMENT

Clean all tools and equipment immediately after use with water (wet) or thinner (cured)

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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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