BUILDING TRUST

PRODUCT DATA SHEET

Sika® Igolflex®-130

Polymer modified bitumious coating

DESCRIPTION

Sika® Igolflex® -130 is a water-based waterproof coating prepared by special processes after using high polymer modified bitumen such as SBS and APP. It has excellent application performance and service performance. After cured, It has excellent elastic-plastic property, low temperature flexibility and aging resistance.

USES

None-exposed applications:

- Maintenance of old bitumen roofs, asbestos tile roofs, and gutters and flashing of various structures
- Waterproofing of roofs and joints of various prefabricated and cast-in-situ concrete structures such as factories, warehouses, and civil building
- Waterproofing and seepage prevention of basement walls, bases, and pools

CHARACTERISTICS / ADVANTAGES

- Single component, cold applied
- Non-toxic, odorless, and pollution-free
- Capable of thick coating, saving labor and time
- Safe and convenient application, excellent adhesion to concrete, wood, and asbestos tile, even on wet substrate
- Moves with normal thermal movement – Retains flexibility even at low temperatures
- High temperature resistance, corrosion resistance

PRODUCT INFORMATION

Packaging	20kg/pail Packed in white plastic barrels with inner PE bags
Appearance / Colour	Dark brown in liquid, black after cured.
Shelf Life	Under normal transportation and storage conditions, the shelf life is 12 months from the production date.
Storage Conditions	Product must be stored in original unopened and undamaged sealed packaging in dry conditions and temperatures between 5°C and 40°C.Store in a horizontal position. Covering the tablecloth if necessary. No more than four layers of packaging drums shall be stacked. Always refer to packaging.
Density	1.10-1.30 kg/L
Solid Content by Weight	≥ 45%

TECHNICAL INFORMATION

Tensile Strength	>0.50 N/mm²	ASTM D 412
Elongation at Break	>600%	ASTM D 412

SYSTEM INFORMATION

System Structure

Substrate

The quality of the substrate is directly related to the service life of the waterproof layer, so the substrate must meet the following conditions:

- The cement mortar or concrete grade must meet the design requirements
- The substrate should be solid, flat, free of concavities, pits, sand, etc
- The root of the parapet wall should be rounded with a radius not less than 50mm

Notes On Application / Limitations

- The application should start from detailing and then conduct large-scale rolling
- Overall coating: first make a base coat, dilute the product with water, fully coat the substrate once. After cured, apply the product in layers. The coating should be applied no less than twice, and its thickness should not be less than 1mm.

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.

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.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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