BUILDING TRUST

PRODUCT DATA SHEET

Sikaplan® D-15 RoofPro Adhered

POLYMERIC ADHERED MEMBRANE FOR ROOF WATERPROOFING

PRODUCT DESCRIPTION

Sikaplan® D-15 Adhered is a multi-layer, synthetic roof waterproofing sheet based on premium-quality polyvinyl chloride (PVC) with inlay of glass non-woven and polyester fleece backing according to EN 13956.

USES

Roof waterproofing membrane for exposed flat roofs.

CHARACTERISTICS / ADVANTAGES

- Resistant to permanent UV irradiation
- High dimensional stability due to glass fleece inlay
- High water vapour permeability
- Resistant to all common environmental influences
- Compatible to old bitumen due to felt backing
- Hot air welding without use of open flames
- Recyclable

APPROVALS / STANDARDS

- Polymeric sheets for roof waterproofing according to EN 13956, certified by notified body 1213-CPD-4125 and provided with the CE marking.
- External fire performance tested according to ENV 1187 Brooft4.
- Official Quality Approvals and Agrement Certificates and approvals.
- Monitoring and assessment by approved laboratories.
- Quality Management system in accordance with EN ISO 9001/14001.
- Production according to Responsible Care policy of Chemical Industry.

PRODUCT INFORMATION

Packaging	As price list.
Appearance / Colour	Top surface: lead grey (nearest RAL 7012) Bottom surface: dark grey
Shelf Life	5 years from date of production in unopened, undamaged and original packaging.
Storage Conditions	Rolls must be stored between +5 °C and +30 °C in a horizontal position on pallet, protected from direct sunlight, rain and snow. Do not stack pallets of rolls or any other material during transport or storage.
Effective Thickness	1.5 mm (-5 % / +10 %) (EN 1849-2)
External Fire Performance	BROOF(t4) (EN 13501-5) 0° ≤ - 10° ≤
Compatibility	Not compatible with direct contact to other plastics, e.g. EPS, XPS, or PF. Not resistant to tar, bitumen, oil and solvent containing materials.

VALUE BASE

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

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

The substrate surface must be uniform, smooth and free of any sharp protrusions or burrs, etc. Sikaplan® D-15 RoofPro Adhered must be separated from any incompatible substrates by an effective separation layer to prevent accelerated ageing. Prevent from direct contact with bitumen, tar, fat, oil, solvent containing materials and direct contact to other plastic materials, e.g. expanded polystyrene (EPS), extruded polystyrene (XPS) and polyurethane (PUR) as this could adversely affect the product properties.

APPLICATION

Installation works must be carried out only by trained contractors. Installation of some ancillary products, e.g. contact adhesives etc is limited to temperatures above +5 °C. Please refer to the respective Product Data Sheets. Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations.

APPLICATION METHOD / TOOLS

According to the valid installation instructions for Sikaplan® D-15 RoofPro Adhered type roofing systems. Welding Method: Overlap seams are welded by electric hot welding equipment, such as manual hot air welding machines and pressure rollers or automatic hot air welding machines with controlled hot air temperature capability of minimum 600 °C. Or with THF solvent. Recommended type of equipment: LEISTER for manual welding Welding parameters including temperature, machine speed, air flow, pressure and machine settings must be evaluated, adapted and checked on site according to the type of equipment and the climatic situation prior to welding. The effective width of welded overlaps must be minimum 20 mm. The seams must be mechanically tested with screw driver to ensure the integrity / completion of the weld. Any imperfections must be rectified by hot air welding. Cold welding of sheet overlaps with Sikal® Welding Agent is permitted for small repair work within application limits. Cold welded seam edges must be sealed with Sika® Seam Sealant after testing.

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.

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