

PRODUCT DATA SHEET

Sarnafil® G 465-15

Polymeric PVC roof waterproofing membrane partitioning sheet

DESCRIPTION

Sarnafil® G 465-15 is a polyvinyl chloride (PVC) partitioning / connection sheet with a glass fibre reinforcing inlay.

USES

Sarnafil® G 465-15 may only be used by experienced professionals.

- As a partitioning / connection sheet for joining polymer bitumen-based roof waterproofing membranes to Sarnafil® PVC or Sikaplan® PVC roof waterproofing membranes

CHARACTERISTICS / ADVANTAGES

- High dimensional stability from glass fleece inlay
- Hot-air weldable

PRODUCT INFORMATION

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| Composition | Polyvinyl chloride (PVC) | |
| Packaging | Sarnafil® G 465-15 rolls are wrapped individually in a blue PE-foil. | |
| | Roll length | 20,00 m |
| | Roll width | 2,00 m, 0,5 m, 0,3 m |
| | Roll weight | 76,00 kg (for 2,00 m width) |
| | Please contact our customer service, for information of what packaging sizes are sold in Denmark. | |
| Appearance / Colour | Surface | smooth |
| | Colour | contact our customer service |
| | Top surface | yellow |
| | Bottom surface | yellow |
| Shelf life | 5 years from date of production | |
| Storage conditions | Product must be stored in original unopened and undamaged packaging in dry conditions and temperatures between +5 °C and +30 °C. Store in a horizontal position. Do not stack pallets of the rolls on top of each other, or under pallets of any other materials during transport or storage. Always refer to packaging. | |
| Length | 20,00 m | |
| Width | 2,00 m | |

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| Effective thickness | 1,5 mm (-5 % / +10 %) | (EN 1849-2) |
| Mass per unit area | 1,9 kg/m ² (-5 % / +10 %) | (EN 1849-2) |

TECHNICAL INFORMATION

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| Resistance to impact | ≥ 600 mm | (EN 12691) |
| Resistance to root penetration | Pass | (EN 13948) |
| Tensile strength | ≥ 9 N/mm ² | (EN 12311-2) |
| Elongation | ≥ 250 % | (EN 12311-2) |
| Dimensional stability | ≤ 0,2 % | (EN 1107-2) |
| Foldability at low temperature | ≥ -20 °C | (EN 495-5) |
| Reaction to fire | Class E | (EN 11925-2, classification to EN 13501-1) |

SYSTEMS

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| System structure | The following products must be considered for use depending on roof design: <ul style="list-style-type: none"> All types of Sarnafil® PVC and Sikaplan® PVC roofing membranes Polymer bitumen-based waterproofing sheets |
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APPLICATION INFORMATION

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| Compatibility | Compatible with the following materials: All types of Sarnafil® PVC and Sikaplan® PVC roofing membranes, polymer bitumen-based waterproofing sheets. Not compatible in direct contact with the following materials: solvent containing materials and plastic / thermoplastic materials, e.g. expanded polystyrene (EPS), extruded polystyrene (XPS), polyurethane (PUR), polyisocyanurate (PIR) or phenolic foam (PF). These materials could adversely affect the product properties. |
| Ambient air temperature | -20 °C min. / +60 °C max. |
| Substrate temperature | -30 °C min. / +60 °C max. |

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

Installation procedure

Strictly follow installation procedures as defined in method statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

Reference must be made to the Application Manuals: Sika Application Manual: Sarnafil® and Sikaplan® flat roof systems.

Fixing method - General

Sarnafil® G 465-15 partitioning sheets are loosely laid between the polymer bitumen-based membrane and Sarnafil® PVC or Sikaplan® PVC roof waterproofing membrane.

1. Activate the surface of the Sarnafil® G 465-15 with a gas flame or heat gun and bond onto the polymer bitumen-based membrane.
2. Hot-air weld Sarnafil® PVC or Sikaplan® PVC roofing membrane onto the Sarnafil® G 465-15.

FURTHER INFORMATION

Installation

- Sika Application Manual: Sarnafil® flat roof systems
- Sika Application Manual: Sikaplan® flat roof systems

IMPORTANT CONSIDERATIONS

Installation work must only be carried out by Sika trained and approved contractors, experienced in this type of application.

- Do not expose to permanent UV-light.
- The use of some ancillary products such as adhesives, cleaners and solvents is limited to temperatures above +5 °C. Observe temperature limitations in the appropriate Product Data Sheets.
- Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations.

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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w)

LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

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PRODUCT DATA SHEET
Sarnafil® G 465-15
October 2020, Version 01.01
020905112990151101

SarnafilG465-15-en-DK-(10-2020)-1-1.pdf