

PRODUCT DATA SHEET

Sarnafil® T 66-15 D

POLYMERIC DETAILING SHEET FOR SARNAFIL® T ROOF WATERPROOFING MEMBRANES

DESCRIPTION

Sarnafil® T 66-15 D is an unreinforced multi-layer, synthetic roof waterproofing sheet based on flexible polyolefins (FPO). Sarnafil® T 66-15 D is a hot air weldable, UV-resistant roof detailing membrane.

USES

Detailing sheet for Sarnafil® T roof waterproofing membranes:

- Welded to the installed Sarnafil® T roof waterproofing membranes

CHARACTERISTICS / ADVANTAGES

- Resistant to permanent UV exposure
- Resistant to most common environmental influences
- Resistant to micro organisms
- Resistant to old bitumen
- Hot air welding without use of open flame
- Can be applied on either side as both surfaces have a different colour
- Recyclable (Delete if recycling facilities or recycling offerings for roofing membranes are not available in local country)



PRODUCT INFORMATION

Packaging

Sarnafil® T 66-15 D rolls are wrapped individually in blue PE-foil.

Packing unit	see price list
Roll length	20,00 m
Roll width	0,50 m
Roll weight	15,00 kg

Appearance / Colour	Surface	matt
	Colours	
	Top surface	beige grey (nearest RAL 7040)
	Bottom surface	beige grey (nearest RAL 7040) other colour on request

Shelf life	5 years from date of production.	
Storage conditions	Product must be stored in original unopened and undamaged sealed packaging in dry conditions and temperatures between +5 °C and +30 °C. 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.	
Visible Defects	Pass	(EN 1850-2)
Length	20,00 m (-0 % / +5 %)	(EN 1848-2)
Width	0,50 m (-0,5 % / +1 %)	(EN 1848-2)
Effective Thickness	1,5 mm (-5 % / +10 %)	(EN 1849-2)
Mass per unit area	1,5 kg/m ² (-5 % / +10 %)	(EN 1849-2)

TECHNICAL INFORMATION

Flexibility at low Temperature	≤ -30 °C	(EN 495-5)
Reaction to Fire	Class E	(EN ISO 11925-2, classification to EN 13501-1)
Effect of Liquid Chemicals, Including Water	On request	(EN 1847)
Exposure to Bitumen	Pass ¹⁾ <small>¹⁾ Sarnafil® T is compatible to old bitumen</small>	(EN 1548)
Resistance to UV Exposure	Pass (> 5000 h / grade 0)	(EN 1297)
Water Vapour Transmission	μ = 150 000	(EN 1931)
Watertightness	Pass	(EN 1928)

SYSTEMS

System Structure	The following products must be considered for use depending on roof design: <ul style="list-style-type: none"> ▪ Sarnafil® T Metal Sheet ▪ Sarnabar ▪ Sarnafil® T Welding Cord ▪ Sarnafil® T Prep / Sarnafil® T Wet Task Set ▪ Sarnacol® T 660 ▪ Solvent T 660 ▪ Sarnafil® T Clean
Compatibility	Sarnafil® T 66-15 D may be installed on all thermal insulation types and levelling layers suitable for roofing. No additional separation layer is required. A fire protection layer maybe necessary. Sarnafil® T 66-15 D is suitable for installation directly on top of existing, cleaned, level bituminous roofing, e.g. re-roofing over old flat roofs. Colour changes in membrane surface may occur if in direct contact with bitumen. If existing roof build up needs to be removed, Sarnafil® T 66-15 D can be adhered directly on to the bituminous vapour control layer for partitioning and protection of the day work.

APPLICATION INFORMATION

Ambient Air Temperature -20 °C min. / +60 °C max.

Substrate Temperature -30 °C min. / +60 °C max.

APPLICATION INSTRUCTIONS

EQUIPMENT

Hot welding overlap seams

Electric hot air welding equipment, such as hand held manual hot air welding equipment and pressure rollers or automatic hot air welding machines with controlled hot air temperature capability of a minimum 600 °C.

Recommended type of equipment:

Manual: Leister Triac

Automatic : Sarnamatic 661/681

Semi-automatic: Leister Triac Drive

SUBSTRATE QUALITY

The substrate surface must be uniform, smooth and free of any sharp protrusions or burrs, etc. The supporting layer must be compatible to the membrane, solvent resistant, clean, dry and free of grease and dust. Metal sheets must be degreased with Sarnafil® Cleaner before adhesive is applied.

APPLICATION

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 Installation Instructions: Sarnafil® T roof systems.

Fixing Method

Perimeter mechanical fixing:

Sarnabar including Sarnafil® T Welding Cord which must be used to keep the membrane in place.

Adhered roof junction areas and flashings:

Sarnafil® T 66-15 D is adhered to substrate layers such as concrete, render, timber panels, metal sheets, etc. use contact adhesive Sarnacol® T 660.

Overlap seams:

Seams are hot welded using specialised hot air equipment. The effective width of welded overlaps must be a minimum of 20 mm.

Hot welding method

Overlap seams must be welded by electric hot welding equipment. 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 conditions prior to welding.

Testing overlap seams

The seams must be mechanically tested with screw driver or steel needle to ensure the integrity/completion of the weld. Any imperfections must be rectified

by hot air welding.

FURTHER INFORMATION

Installation

- Installation Instructions: Sarnafil® T roof systems

IMPORTANT CONSIDERATIONS

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

- The use of Sarnafil® T 66-15 D membrane is limited to geographical locations with average monthly minimum temperatures of -50 °C. Permanent ambient temperature during use is limited to +50 °C.
- 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.
- Sarnafil® T 66-15 D is not allowed to be used as a roof waterproofing membrane to cover the whole flat roof area.

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

Fresh air ventilation must be ensured, when working (welding) in closed rooms.

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 reg-

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ulation 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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