

PRODUCT DATA SHEET

Sarnacol[®]-808

ADHESIVE FOR SARNAFIL[®] FELT BACKED ROOF WATERPROOFING MEMBRANES

DESCRIPTION

Sarnacol[®]-808 is a 1-part neoprene based adhesive for fully adhered system with felt backed membrane.

USES

Sarnacol[®]-808 is used to bond felt backed membrane onto the roof substrate in fully system.

Bonding substrates

- Concrete, lightweight concrete, plaster
- Oriented fibre strand boards, plywood panels
- Fibre cement boards
- Steel panels

CHARACTERISTICS / ADVANTAGES

- Proven performance over decades.
- Single component, ready for use
- Application by roller
- Good adhesion to different substrates
- Suitable for solid, clean and dry surface

APPROVALS / STANDARDS

JC/T 863 Adhesives for polymer waterproof sheets

PRODUCT INFORMATION

Chemical Base	Neoprene
Packaging	18 kg / pail
Shelf Life	12 months from date of production in unopened, undamaged and original packaging.
Storage Conditions	Product must be stored in dry conditions within 0°C - 30°C environment, do not expose to direct sunlight or frost, and keep away from flames.

SYSTEM INFORMATION

Compatibility	Sarnacol [®] -808 is not compatible with PVC membrane, bitumenous products, XPS board.	
Shear Strength	Standard Condition	≥ 2.5 N/mm JC/T 863
	Retention after heat treatment (80°C,168h)	≥ 70% GB/T 3512
	Retention after alkaline treatment (10%Ca(OH) ₂ ,168h	≥ 70% GB/T 1690

APPLICATION INFORMATION

Ambient Air Temperature $\geq +5\text{ }^{\circ}\text{C}$

Substrate Temperature $\geq +5\text{ }^{\circ}\text{C}$

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.

LIMITATIONS

- Sarnacol® 808 must be away from flames during transportation, storage and application.
- Sarnacol® 808 should be applied above +5°C.
- Sarnacol® 808 is not compatible with PVC membrane; please do not contact PVC membrane directly.
- If Sarnacol® 808 needs to be applied indoor, please make sure that the space has good ventilation.

ECOLOGY, HEALTH AND SAFETY

Sarnacol®-808 is a dangerous goods, please refer to the newest Safety Data Sheet for more information. Sarnacol®-808 is designed and produced according to JC/T 863 Adhesives for polymer waterproof sheets.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

The substrate must offer sufficient strength and adhesion to resist the forces generated by wind suction.

SUBSTRATE PREPARATION

The substrate must be firm, clean, dry or slightly moist, free from oil, grease, dust, stripping agents, standing water, bitumen residue and loose friable particles.

APPLICATION

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

General information

Sarnacol®-808 must be stirred carefully before use. Keep adhesive container closed whenever adhesive is not being used to prevent surface skinning. To improve the workability of the adhesive at low temperatures, the closed container can be placed in warm water (max. +40 °C).

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Bonding to PVC membrane

Apply adhesive onto the substrate and PVC backside felt layer. Do not pour out the adhesive directly onto PVC membrane.

Do not apply the adhesive to an area greater than can be covered within 15 minutes.

Do not pour out the adhesive and roll in a second stage.

Once the adhesive surface has become 'tacky', apply the membrane onto the adhesive.

Press down firmly on the membrane using a suitable pressure roller such as a water-filled, or heavy steel roller 40 – 50 kg.

Bonding to very absorbent substrates

Apply 2 coats of adhesive. The first coat $\sim 800\text{ g/m}^2$. Allow the adhesive to dry completely. Apply a second coat $\sim 400\text{ g/m}^2$ max.

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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Product Data Sheet

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