

PRODUCT DATA SHEET

Sarnacol[®]-2152 IN

Two component Hybrid Polyurethane based adhesive for TPO/PVC (Fleeceback & Felt) Roofing Membrane applications

DESCRIPTION

Two component Hybrid Polyurethane based adhesive for TPO/PVC (Fleeceback & Felt) adhered Roofing Membrane applications

USES

Sarnacol[®]-2152 IN is used to adhere Sarnafil[®] range of TPO/PVC Fleeceback/Felt Membranes on concrete and metal substrates.

CHARACTERISTICS / ADVANTAGES

- Adheres to concrete, metal, etc substrates
- Can be applied even on moist substrates without de-bonding
- Excellent Flexibility
- Capable of withstanding thermal shocks (extreme temperature range)
- Solvent-free
- Cold-applied (no heat or open flames required)
- Thixotropic
- Primer free application

PRODUCT INFORMATION

Chemical base	Component A	Hybrid Polyurethane Resin
	Component B	Hardener
Packaging	Component A+B	5.0 kg Kit
	Component A	4.6 kg
	Component B	0.4 kg
Colour	Whitish Paste	
Shelf life	12 months from date of production if stored properly in original, unopened and undamaged sealed containers.	
Storage conditions	Dry storage at temperature from +5 °C up to +30 °C. Protect from direct sunlight, rain, snow, ice, humidity,	
Density	Mixed Density at 27°C	~1.55 ± 0.1 kg/L
	Component A	~1.75 ± 0.1 kg/L
	Component B	~1.02 ± 0.1 kg/L
Solid content by weight	> 95%	

TECHNICAL INFORMATION

Tensile adhesion strength	Concrete Substrate	> 2.5 MPa	(EN 1542)
	Metal Substrate	> 3.0 MPa	

APPLICATION INFORMATION

Mixing ratio	Component A : Component B = 92 : 8 (by weight)	
Consumption	Approx 1.5 to 1.8 kg/m ² on concrete depending on the roughness and absorbency of the substrate . Consumption will be lesser on metal decks depending on surface profile .	
Ambient air temperature	Min. +5 °C / Max. +40 °C	
Substrate temperature	Min. +5 °C / Max. +40 °C	
Pot life	Temperature	Potlife
	+27°C	60 min
	Potlife varies with humidity and temperatures and the above should be only treated as a guideline	
Curing time	Full cure ~ 24 hours at +30 °C / +50 % r.h. The curing time of Sarnacol®-2152 IN is dependent on the ambient temperature.	

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.

USES

Not suitable for application on bitumen, tar, EPS, XPS, PIR boards

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

Reinforced concrete structure must be:

- Hardened and of sufficient compressive strength, minimum 25 MPa with a minimum pull off strength 1.5 MPa
- Dry, sound, clean and free of any contaminations (e.g. dust, oil, grease, release agent)
- Free from surface defects (e.g. blowholes, voids, honeycombing, cracks, protrusions)

SUBSTRATE PREPARATION

The concrete or other suitable cementitious substrate must meet the defined substrate quality. If the substrate does not fulfil the requirements, the surface must be pre-treated prior to the application in order to prevent any subsequent damage to the membrane sheets.

MIXING

Mix components A+B together in the correct proportion by weight into a suitable mixing pail for 3-5 minutes with a low speed mixer @500rpm until the material becomes smooth in consistency and has a uniform white colour. Avoid aeration while mixing the 2 components. Mix only that quantity which can be used within its pot life.

CLEANING OF TOOLS

After application, tools and devices must be cleaned immediately with Sika® Colma Cleaner, thinner, xylene, etc. Hardened and cured material can only be removed mechanically.

Hands and exposed skin should be washed immediately using Sika® Handclean Towel or a suitable industrial hand cleaner and water. Do not use solvent!

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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.

Sika India Pvt. Ltd.
620, Diamond Harbour Road
Commercial Complex II
Kolkata - 700 034
West Bengal, India

Contact:
Phone: +91 33 2447 2448
Fax: +91 33 2397 8688
info.india@in.sika.com
www.sika.in



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