BUILDING TRUST

PRODUCT DATA SHEET

Sarnacol®-2152

Two component adhesive for Sarnafil® G 410 L Felt (Formerly Sarnafil® G 476) and Roofing Applications

DESCRIPTION

Two components polyurethane adhesive.

USES

Sarnacol®-2152 is used to adhere Sarnafil® G 476 (unexposed), Sarnafil® G 410 L Felt (exposed) on concrete.

CHARACTERISTICS / ADVANTAGES

- Adheres to solid, rough and clean concrete or cement mortar substrate
- Solvent-free
- Cold-applied (no heat or open flames required)
- No lateral water migration between the concrete structure and the membrane system
- Thixotropic
- Primer free application

APPROVALS / STANDARDS

- Quality management system EN ISO 9001

PRODUCT INFORMATION

Chemical Base	Component A	Polyols, filled
	Component B	Isocyanate derivatives
Packaging	Component A	25 kg pail
	Component B	5 kg pail
	Component A + B	30 kg set
Appearance / Colour	Component A	White paste
	Component B	Brown liquid
Shelf Life	Component A	12 months[1)]
	Component B	9 months[1)]
	[1)] From date of production if stored properly in orginal, unopened and undamaged sealed container.	
Storage Conditions	Dry storage at temperature from +5 °C up to +30 °C. Protect from direct sunlight, rain, snow, ice, humidity, etc.	
Density	Component A	~1.6 kg/l
	Component B	~1.2 kg/l
	Component A + B	~1.5 kg/l

APPLICATION INFORMATION

Mixing Ratio	Component A : Component B = 100 : 19 (by weight)
Consumption	Consumption depends on the roughness and absorbency of the substrate and is about 500–1 000 g/m².
Ambient Air Temperature	min. + 5 °C / max. + 40°C
Pot Life	**Temperature** / **Pot Life** + 20 °C / 30 min. + 30 °C / 15 min.
Curing Time	Full cure ~4 hours at +23 °C / +50 % r.h. The curing time of Sarnacol®-2152 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.

IMPORTANT CONSIDERATIONS

- Installation work must be carried out by Sika trained Sarnafil® contractors only.
- The substrate quality and condition must be fulfilled or appropriate measures must be taken to ensure it is fulfilled.
- After the installation is completed, it is recommended to protect the Sarnafil® G 476 system immediately to prevent any mechanical damage and at least after 3 months, due to the UV exposure.
- Sarnafil® G 476 is not permanently UV and weather resistant. Therefore, they must not be installed on structures permanently exposed to UV light and weathering.
- Special measures may be relevant for the method of application / system installation due to health and safety requirements in accordance with all relevant local regulations.
- High temperatures will shorten the pot life and speed up the curing process. Low temperatures will prolong the pot life and slow the curing process.
- For more detail information and assistance please refer to the current Method Statement for Sarnafil® G 410 L Felt and Sarnafil® G 476.
- **Not suitable for application on bitumen, tar, EPS, XPS, PIR**

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing 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 N/mm²,
- With a minimum pull off strength 1.5 N/mm²
- 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 into a suitable mixing pail for 3-5 minutes with a low speed mixer 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.

APPLICATION

Apply membrane on substrate, marking lines for application. Roll up membrane. Apply the adhesive on the substrate with spatula or squegge. Unroll Sarnafil® G 476, Sarnafil® G 410 L Felt on to adhesive, pay attention to the extruded adhesive on both sides and clean up timely, to avoid any pollution to the membrane which may affect the welding. Press membrane surface lightly to make membrane and adhesive contact each other thoroughly. After adhesive is cured, welding can be started.

CLEANING OF TOOLS

After application, tools and devices must be cleaned immediately with Sika® Colma Cleaner or SikaForce®-7260 Cleaner. 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

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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