RENOLIT ALKORPLUS 81168-002

One-component PU adhesive

PRODUCT DESCRIPTION

RENOLIT ALKORPLUS 81168-002 is a solvent free, moisture curing one-component polyurethane adhesive for the durable bonding of fleece-backed synthetic roofing membranes **RENOLIT** ALKORPLAN A and **RENOLIT** ALKORTEC A.

RENOLIT ALKORPLUS 81168-002 can be used for bonding to a variety of substrates including plywood, oriented strand board, concrete, existing bitumen roofing membranes, PIR insulation boards with a mineral coated glass fleece, foil faced PIR insulation boards and mineral wool insulation boards with a mineral coated glass fleece.

CHARACTERISTICS

Colour	Brown, transparent
Minimum application temperature	+5°C
Flash point	> 60°C
Shelf life	12 months
Solids content	100%
Cleaner	**RENOLIT** ALKORPLUS 81044

FIELD OF APPLICATION

- Prior to use, a test bond must be carried out to confirm substrate suitability.
- Surfaces to be bonded must be clean, dry and free from dust, oil, wax or grease, etc. Remove any loose particles. Insulation boards must have a technical agrément certificate and be approved by the manufacturer for the intended use.
- **RENOLIT** ALKORPLUS 81168-002 adhesive must be applied at a temperature between +5 °C and + 35 °C (ambient air temperature and substrate temperature). The optimum product temperature is between +15 °C and + 30 °C. Preheat or cool down the closed adhesive canister in water if necessary.
- Do not apply the adhesive to an area greater than can be covered within 10 to 15 minutes.
- A quantity of approximately 300 g/m^2 is to be respected. Rough and/or absorbent surfaces will require a higher quantity of adhesive. The adhesive must be evenly spread onto the substrate with a synthetic roller or squeegee ensuring that there are no local concentrations of adhesive.
- Allow a drying time of approximately 10 to 15 minutes (the adhesive surface must still be sticky and not have formed a surface-skin) before the fleece-backed membrane is placed and pressed down firmly into the adhesive.
- Curing time is approximately 2 to 6 hours, depending on ambient air temperature and humidity.
- Adhesive residue on **RENOLIT** ALKORPLAN A and **RENOLIT** ALKORTEC A membranes, tools and application equipment must be cleaned with **RENOLIT** ALKORPLUS 81044 cleaner.

PACKAGING

	Description	Content	Packing unit
RENOLIT ALKORPLUS 81168-002	1-component PU adhesive	5,5 kg	Canister (108 pces/pallet)
RENOLIT ALKORPLUS 81069-002	Application trolley	-	Per piece

SAFETY

- Consult Material Safety Data Sheet prior to use.
- The product should be stored unopened in a dry condition at a temperature of 5 – 25°C
- Avoid exposure to direct sunlight.
- This product should not be used in poorly ventilated conditions.
- Keep the canister closed whenever adhesive is not being used, to prevent surface skinning.
- Adequate training is required before industrial or professional use.

TRANSPORT

- Not regulated

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