

# RENOLIT ALKORPLUS<sub>81140</sub>

## Detailing contact adhesive



### PRODUCT DESCRIPTION

**RENOLIT ALKORPLUS<sub>81140-001</sub>** detailing adhesive is a high performance polyurethane contact spray adhesive, specifically developed for bonding non-fleece backed **RENOLIT ALKORPLAN** waterproofing roof membranes to a variety of substrates including concrete, insulation boards and plywood.

### CHARACTERISTICS

Colour	Clear
Minimal application temperature	+10°C
Flash point	< -40°C
Solids content	55 % - 60 %
Cleaner	<b>RENOLIT ALKORPLUS<sub>81140-002</sub></b>

### FIELD OF APPLICATION

**RENOLIT ALKORPLUS<sub>81140-001</sub>** is used to achieve a windtight installation to parapet details and to finish detail work where the smoothness of the **RENOLIT ALKORPLAN** membrane is critical including roof upstands, metal roof pipes and metal water outlets.

### INSTRUCTIONS FOR USE

- **RENOLIT ALKORPLUS<sub>81140-001</sub>** is to be applied to both surfaces to be bonded together. Ensure that all surfaces to be bonded are clean, dry and free from dirt, dust, oil, loose paint, wax or grease, etc. For best results, the temperature of the adhesive and the surfaces being bonded should be between +16°C & +27°C.
- We recommend shaking the canister well before using.
- Attach and secure the hose tightly onto the spray gun. Attach the other end of the hose onto the canister. Make sure the hose-valve connections are securely tight. Open the valve on the canister slowly and fully, check for leaks during this process. Unlock the trigger on the spray gun to start spraying.
- Prior to use, check compatibility by spraying a small test patch of the **RENOLIT ALKORPLUS<sub>81140-001</sub>** adhesive on the substrate. This product may degrade some substrates (e.g. polystyrene). Always apply a test bond.
- Spray about 10-20 cm away at a 90-degree angle to the surface, applying a uniform, even layer of contact adhesive to obtain 80% to 100% coverage of the surface. If necessary, spray another layer of adhesive in areas that appear to need more adhesive. Depending on the type of substrate one canister covers 60 m<sup>2</sup> (porous substrates) to 80 m<sup>2</sup> (non-porous substrates).
- Spray both surfaces to be bonded, one surface vertically and the other surface horizontally.
- Allow 1 - 3 minutes for the adhesive to tack off until no adhesive transfers to the knuckle when touched. Adhere surfaces and press together with adequate pressure. A roller is recommended to apply a uniform pressure to achieve maximum strength. Allow 24 hours for the **RENOLIT ALKORPLUS<sub>81140-001</sub>** adhesive to fully cure.
- When connected, keep valve open and hose pressurised at all times.
- DO NOT close valve until ready to connect to new cylinder.
- If the spray tip clogs, unscrew the spray tip from the gun and clean with solvent such as lacquer thinner or acetone. Do not use a pin on the spray tip orifice.

### SAFETY

- Consult Material Safety Data Sheet prior to use.
- Use with adequate ventilation.
- Release pressure in hose before disconnection.

[WWW.RENOLIT.COM/ROOFING](http://WWW.RENOLIT.COM/ROOFING)

**RENOLIT UK** Station Road - Cramlington, Northumberland NE23 8AQ - United Kingdom  
T +44 1670 718283 - F +44 1670 719367 - [matthew.adamson@renolit.com](mailto:matthew.adamson@renolit.com)

**RENOLIT Belgium N.V.** - Export Dpt. - Industriepark De Bruwaan 43 - 9700 Oudenaarde - Belgium  
T +32 (0)55 33 98 51 - F +32 (0)55 31 86 58 - [renolit.belgium@renolit.com](mailto:renolit.belgium@renolit.com)



*Rely on it.*

## CLEANING THE HOSE AND SPRAY GUN

- Turn the valve on the canister into the off position, spray out remaining adhesive left in the hose and disconnect the spray hose and gun from the canister.
- Reconnect the spray hose to a canister of ALKORPLUS CLEANER<sub>81140-002</sub> and spray out until liquid is clear which indicates that the hose and gun is clean.
- If you choose to leave the hose and spray gun on the canister, leave the valve on the canister open.  
Do not disconnect the hose/gun from the canister. Close and lock the spray gun.

## PACKAGING

	Description	Content	Packing unit
RENOLIT ALKORPLUS 81140-001	Detailing contact adhesive	22 L	1 steel pressurised container
ALKORPLUS CLEANER 81140-002	Acetone cleaner	13.7 L	1 steel pressurised container
RENOLIT ALKORPLUS 81140-003	Hose for spray system (4 m)	-	Per piece
RENOLIT ALKORPLUS 81140-004	Spray gun	-	Per piece
RENOLIT ALKORPLUS 81140-005	Spray gun + extension kit	-	Per piece
RENOLIT ALKORPLUS 81140-006	Spare tip for spray gun	-	Per piece



81140-001  
Detailing contact adhesive



81140-002  
Acetone cleaner



81140-003  
Hose for spray system



81140-004  
Spray gun



81140-005  
Spray gun + extension kit



81140-006  
Spare tip for spray gun

## STORAGE

- The product should be stored unopened in a dry condition at a temperature of 5 – 25°C.
- Avoid exposure to direct sunlight. DO NOT store directly on concrete floor.
- Shelf life: 12 months
- For optimum performance, store at 18°C during use (always above 10°C).

## TRANSPORT

- Detailing contact adhesive:  
UN-number: UN3501  
UN proper shipping name: CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (dimethyl ether)  
IMDG/IATA-Class 2 / Label 2.1 RID/ADR/ADNR-Code 2 Label 2.1
- Cleaner:  
UN-number: UN3501,  
UN proper shipping name: CHEMICAL UNDER PRESSURE (contains acetone)  
IMDG/IATA-Class 2 / Label 2.1 RID/ADR/ADNR-Code 2 Label 2.1

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