

Technical Data Sheet

RENOLIT ALKORPRO BAND

Mounting and sealing accessories for the **RENOLIT ALKORPRO** membrane.

DESCRIPTION

RENOLIT ALKORPRO BAND's are sealing joints used to assemble **RENOLIT** ALKORPRO membranes.

RENOLIT ALKORPRO BAND PVC
Strip of PVC membrane used for "welding sealing" of the **RENOLIT** ALKORPRO membrane.



RENOLIT ALKORPRO BAND TAPE
Tape with TPE membrane and butyl rubber used for "butyl tape sealing" of the **RENOLIT** ALKORPRO membrane.



RENOLIT ALKORPRO BAND BUTYL
Strip of pure butyl rubber used for "butyl tape sealing" of the **RENOLIT** ALKORPRO membrane.



APPLICATIONS

RENOLIT ALKORPRO BAND's are used:

- As butt joint to seal (by welding, or gluing) **RENOLIT** ALKORPRO geomembrane layers end to end, transversely or longitudinally.
- As sealing joint between the panels of a precast wall, on the exterior face.
- As a repair tape in case of accidental damage to the membrane.

STORAGE & HANDLING

The **RENOLIT** ALKORPRO BAND's are roll wrapped and should be stored off the ground, in dry conditions and protected from frost.

Code	Description	Packaging
75000024	**RENOLIT ALKORPRO BAND** PVC Dimension: 200 mm x 2 mm x 50 m	Roll of 50 m
75000025	**RENOLIT ALKORPRO BAND** TAPE Dimension: 200 m x 2,5 mm x 25 m	Roll of 50 m
75000026	**RENOLIT ALKORPRO BAND** BUTYL Dimension: 100 m x 2,5 mm x 25 m	Roll of 50 m

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RENOLIT
Rely on it.

RENOLIT
ALKORPRO
Fully bonded membrane



ESSENTIAL FEATURES

Properties	Test standard	Type of gaskets	Units	Performance
Shear strength	EN 12317-2	PVC welding Butyl bonding	N/50mm	≥600 ≥300
Hydrostatic pressure resistance of the overlaps	ASTM D5385 1h/690kPa	PVC welding Butyl bonding	-	Watertight Watertight

INSTALLATION

As a general rule, the contact surface must be dry, clean and free of materials that could impair the adhesion. Contaminants, such as dirt, dust, oil, bitumen and cleaning agents, such as surfactants and silicones must be removed for overlapping.

The "butyl tape sealing" of the **RENOLIT** ALKORPRO membrane is carried out by putting the **RENOLIT** ALKORPRO BAND BUTYL, in between the longitudinal overlaps, or/and the **RENOLIT** ALKORPRO BAND TAPE underneath the butt-joint (transversal overlaps).

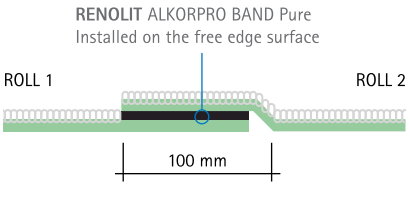
Shortly after installing the **RENOLIT** ALKORPRO BAND BUTYL/TAPE, the overlaps should be compressed with a rubber roller to ensure full adhesion.

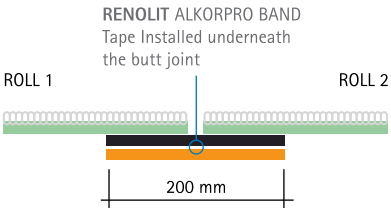


Butyl tape sealing for longitudinal overlap.



Butyl tape sealing for transversal overlap.





A self-checking by peel test is then carried out to ensure that both edges are properly stickled.

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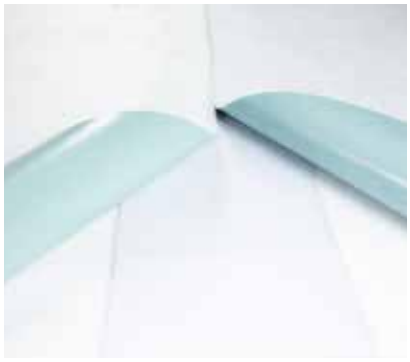
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INSTALLATION

The "welding sealing" of the **RENOLIT ALKORPRO** membrane is carried out by a hot air welding tool with the **RENOLIT** ALKORPRO membrane.

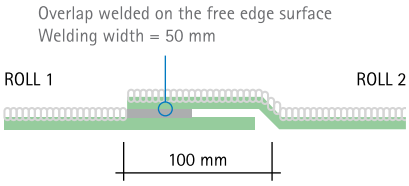
For the butt joint, the **RENOLIT** ALKORPRO BAND PVC is installed underneath the butt-joint and welded with the two rolls. For the longitudinal overlaps, the welding is carried out directly on the free edge surface with the welding tool.



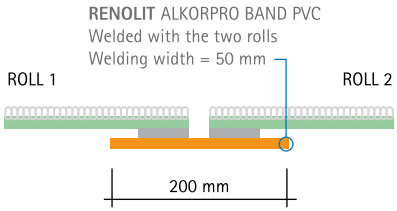




Welding sealing for longitudinal overlap.



Welding sealing for transversal overlap.



A self- checking by peel test is then carried out to ensure that both edges are properly welded.

These data are statistic figures according to Harmonized European Standards. This document cancels and replaces any other document previously published. In order to improve his products, the manufacturer reserves the right to change them without prior notice.

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