

Technical Data Sheet

RENOLIT ALKORPLAN Pro BAND

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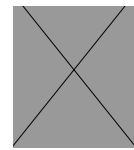
Mounting and sealing accessories for the **RENOLIT ALKORPLAN Pro** geomembrane.

DESCRIPTION

RENOLIT ALKORPLAN Pro BAND's are sealing joints used to assemble **RENOLIT ALKORPLAN Pro** geomembranes.

RENOLIT ALKORPLAN Pro BAND PVC

Strip of PVC geomembrane used for "welding sealing" of the **RENOLIT ALKORPLAN Pro** geomembrane.



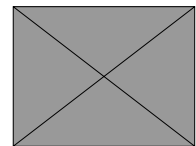
RENOLIT ALKORPLAN Pro BAND TAPE

Tape with TPE geomembrane and butyl rubber on one side used for "butyl tape sealing" of the **RENOLIT ALKORPLAN Pro** geomembrane.



RENOLIT ALKORPLAN Pro BAND BUTYL

Strip of self-adhesive pure butyl rubber used for "butyl tape sealing" of the **RENOLIT ALKORPLAN Pro** geomembrane.



APPLICATIONS

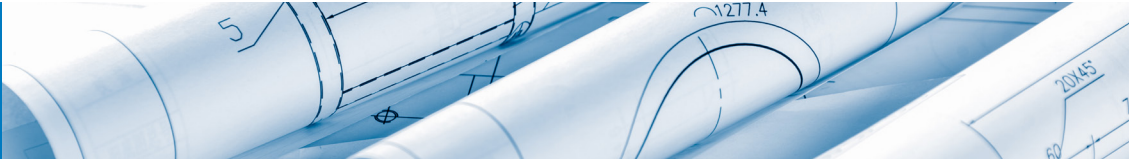
RENOLIT ALKORPLAN Pro BAND's are used:

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

STORAGE & HANDLING

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

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



ESSENTIAL FEATURES

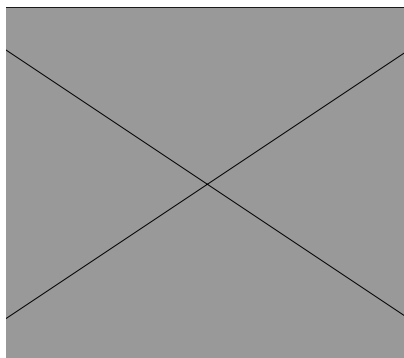
Properties	Test standard	Type of gaskets	Units	Performance
Shear strength	EN 12317-2	PVC welding Butyl bonding	N/50mm	≥600 ≥300
Pressure resistance of the overlaps	ASTM D5385 1h/690kPa	PVC welding Butyl bonding	-	Watertight Watertight

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 ALKORPLAN Pro** geomembrane is carried out by putting the **RENOLIT ALKORPLAN Pro BAND BUTYL**, in between the longitudinal overlaps, or/and the **RENOLIT ALKORPLAN Pro BAND TAPE** underneath the butt-joint (transversal overlaps).

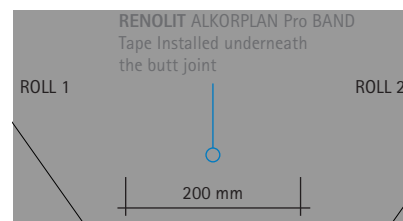
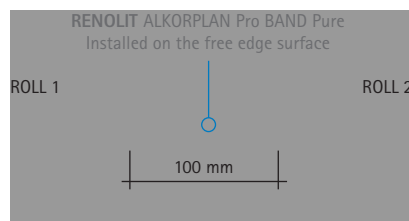
Shortly after installing the **RENOLIT ALKORPLAN Pro BAND BUTYL/TAPE**, the overlaps should be compressed with a rubber roller to ensure full adhesion. A self-checking by peel test is then carried out to ensure that both edges are properly stickled.

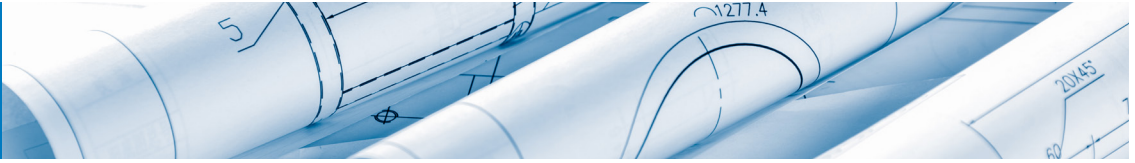


Butyl tape sealing for longitudinal overlap.



Butyl tape sealing for transversal overlap.



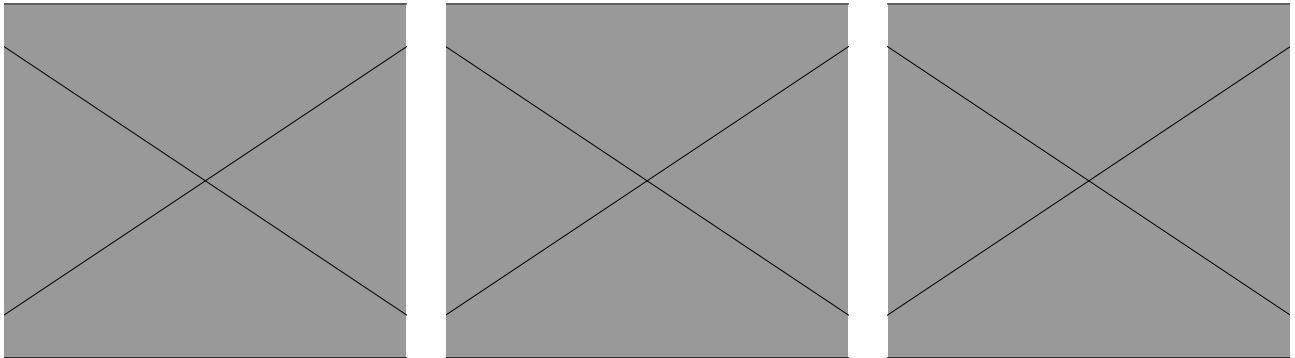


INSTALLATION

The "welding sealing" of the **RENOLIT ALKORPLAN Pro** geomembrane is carried out by a hot air welding tool with the **RENOLIT ALKORPLAN Pro** geomembrane.

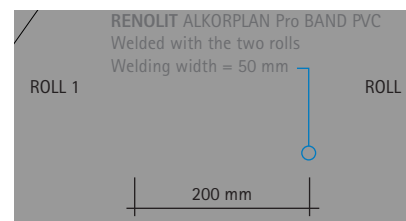
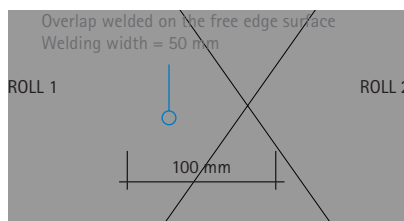
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For the butt joint, the **RENOLIT ALKORPLAN Pro BAND PVC** is installed underneath the butt-joint and welded with the two rolls. For the longitudinal overlaps, the welding is carried out directly on the free edge surface with the welding tool.



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.