

## Mechanically fastened system

### Product information

#### RENOLIT ALKORPLAN F<sup>35170</sup>

Calendered unreinforced membrane of flexible PVC. Conforms to UEAtc guidelines.

#### RENOLIT ALKORPLAN F<sup>35176</sup>

Calendered/laminated membrane of flexible PVC with woven polyester reinforcing. Conforms to UEAtc guidelines.

### Application

Used as waterproofing membrane within mechanically restrained systems.

CE approval.

Certificats available on our website

[www.alkorproof.com](http://www.alkorproof.com).

0679-CPD-0156 (ETAG 006)

0679-CPD-0157 (ETAG 006)

0679-CPD-0171 (EN 13956)

0679-CPD-0172 (EN 13956)

Product data	Method	Requirements according to UEAtc	Average production values			Units
			RENOLIT ALKORPLAN F <sup>35170</sup>	RENOLIT ALKORPLAN F <sup>35176</sup>		
			1.5 mm	1.2 mm	1.5 mm	
Tensile strength	EN 12311-2 (A)	L ≥ 800		1232	1261	N/50 mm
		T ≥ 800		1165	1199	N/50 mm
	EN 12311-2 (B)	L ≥ 15	16.8			N/mm <sup>2</sup>
		T ≥ 15	16.3			N/mm <sup>2</sup>
Elongation at break	EN 12311-2 (A)	L ≥ 15		18	19	%
		T ≥ 15		19	19	%
	EN 12311-2 (B)	L ≥ 250	349			%
		T ≥ 250	371			%
Dimensional stability (6h at 80 °C)	EN 1107-2	≤ 0.5		-0.16	-0.18	%
		≤ 0.5	-0.9	-0.03	-0.03	%
Cold track temperature	EN 495-5	-20	-25	-25	-25	°C
Tear strength	EN 12310-1	L ≥ 150		444	535	N
		T ≥ 150		485	583	N
	EN 12310-2	L	97			N/mm
		T	108			N/mm
Lamination strength	EN 12316-2	≥ 80	-	178	143	N/50 mm
Water vapour diffusion resistance (μ)	EN 1931		15 000 (calc. val.)	15 000 (calc. val.)	15 000 (calc. val.)	-
Resistance to static perforation	EN 12730	-	20	20	20	kg

Size/Weight	Thickness	Width	Weight	Roll length	Roll weight
RENOLIT ALKORPLAN F <sup>35170</sup>	1.5 mm	1.05 m	1.95 kg/m <sup>2</sup>	20 ml	ca. 39 kg
RENOLIT ALKORPLAN F <sup>35176</sup>	1.2 mm	1.05 m	1.53 kg/m <sup>2</sup>	25 ml	ca. 40 kg
	1.2 mm	1.60 m	1.53 kg/m <sup>2</sup>	20 ml	ca. 52 kg
	1.5 mm	1.05 m	1.85 kg/m <sup>2</sup>	20 ml	ca. 41 kg
	1.5 mm	1.60 m	1.85 kg/m <sup>2</sup>	15 ml	ca. 47 kg

Standard conditions of sale are included in price lists, all sales of **RENOLIT** products are made under these conditions. **RENOLIT ALKORPLAN** is delivered in rolls. Every delivery may contain up to 10 % of short rolls (minimum length: 8 m).

### Storage

Store dry. Rolls to be parallel and in original packing where possible, do not stack in cross form or under pressure.