

MECHANICALLY FASTENED SYSTEM

PRODUCT INFORMATION

AlkorPlan® F 35176/35276*

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

Application

Used as waterproofing membrane within mechanically restrained systems.

*This product has a higher UV-resistance

Product Data	Method	Requirements according to UEAtc	Average production values		Units
			AlkorPlan® F 35176/35276		
			1.2 mm	1.5 mm	
Tensile strength	EN 12311-2 (A)	L ≥ 800	1286	1298	N/50 mm
		T ≥ 800	1270	1203	N/50 mm
Elongation at break	EN 12311-2 (A)	L ≥ 15	18	19	%
		T ≥ 15	21	21	%
Dimensional stability (6h at 80 °C)	EN 1107-2	≤ 0.5	- 0.15	- 0.1	%
Cold crack temperature (-20 °C)	EN 495-5	no cracks	no cracks	no cracks	–
Tear strength	EN 12310-1	L ≥ 150	543	603	N
		T ≥ 150	581	608	N
Lamination strength	EN 12316-2	≥ 80	178	143	N/50 mm
Water vapour diffusion resistance (μ)	EN 1931	-	calc. val. 20,000	calc. val. 20,000	–
Resistance to static perforation	EN 12730	–	20	20	Kg

Size/Weight	Thickness	Width	Weight	Roll length	Roll weight	Rolls/palett
AlkorPlan® F 35176/35276	1.2 mm	1.05 m	1.53 kg/m ²	25 ml	ca. 40 kg	11
	1.2 mm	1.60 m	1.53 kg/m ²	25 ml	ca. 52kg	9
	1.2 mm	2.10 m	1.53 kg/m ²	20 ml	ca. 64kg	11
	1.5 mm	1.05 m	1.85 kg/m ²	20 ml	ca. 41 kg	11
	1.5 mm	1.60 m	1.85 kg/m ²	15 ml	ca. 47 kg	11
	1.5 mm	2.10 m	1.85 kg/m ²	15 ml	ca. 60 kg	11

Standard conditions of sale are included in price lists, all sales of **RENOLIT** products are made under these conditions. 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.