

# Product Data Sheet

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## ExtruPol M

Waterproofing membrane based on flexible Polyolefins ( FPO )

### Product Description

Schedetal Extrupol M is a waterproofing membrane with an inner layer of glassfleece  
Based on flexible Polyolefins ( FPO / TPO )  
( Type of using: DE / E1 FPO-BV-E-GV-2,0 )

### Range of uses

Schedetal ExtruPol M is a hot air weldet roof membrane, which can be layed without covering the roof useable for all climatic zones. Schedeetal Extrupol M has an inner of glasflies to keep high tensile strength and layer dimensional stability. The special construction of Schedetal ExtruPol M is fastened flat roofs mechanically . ExtruPol M is used in building for roofing and re-roofing. In civil engineering applications can vary from the wateerrroofing of tunnels to bridge deck waterproofing and in water retaining structures such ass reservoirs, water tanks and pools. ExtruPol M can be attached using mechanical fasteners, bonded in place with solvent free adhesive, loose laid and covered with gravel,concrete paviors or used as the substrate for garden roofs.

### Benefits

Durability  
Weather resistant, UV & ozone resistant, Permanent low temperature flexibility: minus 55°C  
High dimensional stability  
Ease of application  
Rapid installation, Consistent hot air welding, secure Site jointing, Easy detailing  
Eco - friedly  
Completely re-cycleable, Safe to dispose of, Plasticiser and chlorine free, Heavy metal free,  
Suitable for postable water  
Resistance against root penetration ( FLL – Test )

### Characteristics

#### Struktur / Color

Surface: square graticule  
Thickness : 2,00 mm - 1,80 mm - 1,60 mm- 1,20 mm  
Standard color: light grey  
Special color: on enquiry

#### Form of delivery

Roll dimensions: 1,50 m x 15,0 m  
big rolls on enquiry  
Transport: rolls standing on pallet on 1,05 m width  
rolls standing on pallet on 1,50 m width  
rolls lying on pallet on 2,00 m width

### Technical Code Approvals

Schedetal **ExtruPol M** comply with and in most casse es exceed international testing standards such as DIN EN 13956 Tab.1; DIN 2200000-201  
DIN EN 13501-1class E reaction on fire  
EN 1187 acc. To DIN EN 13501-5 Broof(t1)  
factory Production controlled by an extern Institute  
Quality Management System acc.to DIN EN ISO 9001

### System Information

#### System Accessories

A wide selektion of accessories is available to compliment ExtruPol membranes, ensuring secure detailing in areas such as corners  
pipe penetrations  
outlets  
fasteners and glue  
also protecting, draining and leveling layers are available

#### Surface attributes

On all surfaces ExtruPol can be applicated fast and economically. The surfaces has to be controlled for applicability by the applicator before starting his work

#### Laying Schedetal sealing systems

See the Instruction manual for laying

Characteristics	Unit		Results	Test method
Visible defects	-		No visible defects	EN 1850-2
Length	m		15,00/ 20,00 (-0%/ +5%)	EN 1848-2
Width	m		1,05/1,50 (- 0,5%/ +1,0%)	EN 1848-2
Straightness	mm		< 50	EN 1848-2
Flatness	mm		< 10	EN 1848-2
Effective thickness	mm		2,00 -1,80 - 1,60 (-5%/ +10%)	EN 1849-2
Mass per unit area	kg/m <sup>2</sup>		2,00 -1,80 - 1,60 (-5%/ +10%)	EN 1849-2
Watertightness method B	-		tight	EN 1928
External fire performance	-		B (Roof) t1 ( < 20° )	DIN EN 13501-5 EN V 1187
Reaction to fire	-		class E	DIN EN ISO 11925-2
Hail resistance	m/s	rigid: flexible:	≥ 25 ≥ 35	DIN EN 13583
Joint peel resistance	N/50 mm	longitudinal/ transverse:	≥ 500	DIN EN 12316-2
Joint shear resistance	N/50 mm	long/ trans:	≥ 550	DIN EN 12317-2
Water vapour properties μ	-		90.000	DIN EN 1931
Tensile strenght	N/mm <sup>2</sup>	long: trans:	≥ 9,0 ≥ 5,0	DIN EN 12311-2
Elongation at break	%	long: trans:	≥ 200 ≥ 400	DIN EN 12311-2
Resistance to impact	mm		≥ 1000	DIN EN 12691
Resistance to static load method A	kg		20	DIN EN 12730
Tear resistance	N	long: trans:	≥ 200 ≥ 300	DIN EN 12310-2
Resistance to root penetration	-		tested according to FLL	DIN EN 13948
Dimensional stability	%		≤ 0,3	DIN EN 1107-2
Foldability at low temperature	°C		≤ -55	DIN EN 495-5
UV exposure 5000	h		struk 0	DIN EN 1297
Exposure to contact with bitumen	-		method ( b )	DIN EN 1548

Application based on our today's knowledge. User and applicator have to test our products and regard all information about the application. We don't liable, about wrong advice or wrong application and The content for the publication about Schedetal's products and the information about the use of our products. All mentioned instructions are juridical without guarantee. Changes are reserved. The applicator has to regard existing laws, regalements and norms. The general terms of business are basis of all proceedings.