

PLAKA – PE FOIL

Polyethylene construction foil “FOT” and “FOF”
REF 05.08.01 - Version V01 - 13/08/2020



Description

Construction- or coverage foil in PE available in two variants :

- Transparent foil type « FOT » based on natural colored particles.



- Translucent foil type « FOF » based on recycled and sorted particles.



Product not UV stabilized.
The foil thickness is 0.2mm.

Application fields

- Curing agent : avoid fast drying of concrete.
- Vapor barrier : prevents the rise of soil moisture to the concrete structure.
- Coating of shuttering : eliminates the adhesion between the concrete and the formwork (important when a smooth concrete surface needs to be achieved or when using climbing formwork)
- Coverage : particularly in case of acoustic floating floors : to prevent concrete infiltration that would cause « acoustic bridges »
- Etc...

Properties

Mechanical properties	
Raw material	LDPE (Low density polyethylene)
Melting point	About 110 °C
Temperature resistance	From -40°C to +80°C

Technical properties				
Characteristics	Tolerance	Test method	Unit	Values
Thickness min – max	+ / - 10 %	EN 1849-2	mm	0,20
Length	+ / - 5 %	EN 1848-2	m	> 10 m
Width	+ / - 5 %	EN 1848-2	cm	150 - 600

©Copyright protected

This sheet, written with great care, supersedes all previous versions. The technical information on the design, models, illustrations, design values and specifications are believed to be accurate. We make no warranties (expressed or implied) as to its accuracy and assumes no liability in connection with non suitable use of this product. We reserve the right to modify the contents of this form without prior notice.

PLAKA – PE FOIL

Polyethylene construction foil "FOT" and "FOF"
REF 05.08.01 - Version V01 - 13/08/2020



Characteristics	Test method	Unit	Values
Density	EN ISO 1183	g / cm ³	0,92
Impermeability of the foil*	EN 1928	2 kPa	conforming
Reaction to fire	EN 13501-1		F
Tensile strength -longitudinal	ASTM D 882	N / 15 mm	50,0
Tensile strength - transversal	ASTM D 882	N / 15 mm	52,9
Elasticity - longitudinal	ASTM D 882	%	608
Elasticity - transversale	ASTM D 882	%	676
Elongation at break - longitudinal	ASTM D 1004	N	9,9
Elongation at break - transversale	ASTM D 1004	N	18,1
Dart drop	ASTM D1709-A		421
Resistance to a fix weight 25 kg	EN 12730		No perforation
Overlapping crossover	EN 12317 - 2		NPD

* The waterproofing results are only valuable for the foil and not for the overlapping crossover.

Dimensions

Material dimensions						
Picture	Description	Code	Dimensions		m ² / box	Weight (kg/m ²)
			H x L	Thickness		
	Construction foil "FOT" transparent in PE	HMTTCF2000200050	2 x 50 m	0,2 mm	100	0,19
	Construction foil "FOF" translucent in PE	HMTLCF2000200050	2 x 50 m	0,2 mm	100	0,19
		HMTLCF4000200050	4 x 50 m	0,2 mm	200	0,19
		HMTLCF6000200050	6 x 50m	0,2 mm	300	0,19

©Copyright protected

This sheet, written with great care, supersedes all previous versions. The technical information on the design, models, illustrations, design values and specifications are believed to be accurate. We make no warranties (expressed or implied) as to its accuracy and assumes no liability in connection with non suitable use of this product. We reserve the right to modify the contents of this form without prior notice.