

TECHNICAL DATA SHEET
FIBERPOL PLUS

FIBERPOL PLUS is a waterproofing membrane made of distilled bitumen modified with APP (Atactic polypropylene) polymers that make it very easy to install in various climate conditions.

The plastomeric compound ensures ease of application, very good adhesion as well as good resistance to UV deterioration and ageing in general. When properly installed, FIBERPOL PLUS offers superior bonding and tightness of all joints and overlaps.

The carrier is a polyester and glass composite with longitudinal reinforcement yarns.

It provides superior dimensional stability making FIBERPOL PLUS an easy to install membrane of excellent dimensional stability.

CE MARK: RECOMMENDED DESTINATIONS OF USE

Base sheet or intermediate layer in multi-layer waterproofing constructions, without heavy duty protection finish (UNI EN 13707)	FIBERPOL PLUS 3.0mm			
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AVAILABLE SURFACE FINISHES

Upper surface : talc or sand (FIBERPOL PLUS) or self protected with slate granules (FIBERPOL PLUS MINERAL)

Upon request it can be supplied with plastic films PE/ PP finish or with TEX (black polypropylene fleece)

Lower surface : polypropylene or polyethylene burn-off film

PROPERTIES	TEST METHOD	UNIT	AVERAGE VALUES	TOLERANCES	
Length	EN 1848-1	m	10	±1%	
Width	EN 1848-1	m	1,0	±1%	
Thickness	EN 1849-1	mm	See CE Mark table above	±5%	
Unit Weight	EN 1849-1	kg/m ²	See CE Mark table above	±5%	
Tensile Strength (at break)	EN 12311-1	N/5 cm	L	500	±20%
			T	400	±20%
Elongation (at break)	EN 12311-1	%	L	35	-15 absolute
			T	35	-15 absolute
Tear resistance (nail test)	EN 12310-1	N	L	140	±30%
			T	140	±30%
Static load	EN 12730 (A)	kg	15	--	
Impact resistance	EN 12691	mm	800	--	
Dimensional Stability	EN 1107-1	%	±0.3	--	
Flexibility at low temperature	EN 1109	°C	-5	--	
Flow resistance	EN 1110	°C	130	--	
Water tightness	EN 1928	kPa	60		
Reaction to fire	EN 13501 -1	---	Euroclass F	--	
Resistance to external fire	EN 13501 -5	--	F roof	--	

FIELDS AND METHODS OF APPLICATION

FIBERPOL PLUS is recommended as a base sheet or intermediate layer in multi-layer waterproofing constructions for flat, pitched or vaulted roofs, made of reinforced concrete cast on site or prefab, of terraces, under-floorings etc. In case of direct exposure to weathering agents, FIBERPOL PLUS shall be protected with reflective paint or by a layer of self-protected (mineralised) membrane.

FIBERPOL PLUS MINERAL can be used as cap sheet layer without any further protective finish

Subject to the type of substrate FIBERPOL PLUS shall be installed by means of a propane gas torch and/or of approved cold or hot adhesives. For correct installation refer to information provided by Copernit Technical Department.