

Platon P20

Drainage sheet with high drainage capacity

Description :

P20 is a very strong and robust plate with large, 20 mm high dimples that provide secure protection and very high drainage capacity. Platon P20 solves major moisture problems such as pressure from groundwater safely and efficiently. The plates are made from black High Density Polyethylene (PEH) and are impermeable, water-repellent and resistant to chemicals commonly used in construction.



Application :

They are used as drainage plates with foundations and as a drainage layer in tunnels and floors and slabs below ground level to be protected against groundwater penetration.

Installation :

They should be installed with the dimples against the underlying structure and fastened with Platon P20 Plugs. The plates can be easily cut to size using a knife. If the joints between the plates are not to be sealed, the plates should be laid with an overlap of one row of dimples. If sealing is required, the plates should be laid with an overlap of two rows of dimples and stuck together with Platon Sealing Tape. The tape should be placed on the flat area between the two rows of dimples, and continuing all the way out to the corners to prevent any leakage paths.

Storage :

Stacked on pallets. Protected against UV

For more details see laying instruction on our website.

Approvals and guarantee



Platon P20₄₀₄₀₀₇

Product data	Value	Designation
Width	1360	mm
Length in mm	2180	mm
Material	Polyetylen	-
Height of studs	20	mm

Properties	Method	Unit	Value
Euro fire class according to EN 13501-1	EN 13501-1	-	NPD*
Water vapour resistance (sd)	EN 1931	m	550 ± 25 %
Water vapour transmission (sd) after Artificial ageing	EN 1931	m	Pass
Tensile strength MD	EN 12311-2	N/50 mm	530
Tensile strength CMD	EN 12311-2	N/50 mm	500
Elongation At Maximum Tensile Force MD	EN-ISO 10319	%	≥ 15
Elongation At Maximum Tensile Force CMD	EN-ISO 10319	%	≥ 15
Tear resistance MD	EN 12310-1	N	350
Tear resistance CMD	EN 12310-1	N	350
Joint Strength	EN 12317-2	N	35
Resistance to impact, wtool= 500g (method A)	EN 12691	m	0.8
Resistance To Static Loading (Kg), øtool= 10mm	EN 12730	kg	Pass at 20 kg
Dangerous Substances	No method available	-	None
Water tightness after artificial ageing	EN 1928	-	Pass
Water tightness after chemical exposure	EN 1928	-	Pass

