



Platon P8 Membrane

Description

Platon P8 membrane is manufactured from high-density polyethylene (HDPE). It is impermeable and resistant to the usual chemicals in the building construction. Studs are formed in a regular pattern on the one face of the product. The studs are spaced at approx. 25 mm centres in both directions. Standard roll length is 20m.

Workability

Platon P8 membrane is tough but pliable and can be bent round corners and projections without risk of breaking, even in very low temperatures. The product can be easily cut with a knife or scissors.

Storage

Rolls of the product should be stored upright when stored over long periods, and referably under cover.

Technical Data

Raw material:	HDPE
Sheet thickness:	Nominal 0.50 mm
Stud height:	Approx. 6.5 mm
Construction height:	Approx. 7 mm
Unit weight:	0.45 kg/m ²
Deformation under long term loading:	Max. 20% (at 50 kN/m ²)
Compressive strength:	150 kN/m ²
Working temperature:	-10° to +60°C
Softening temperature:	+160°C
Linear coefficient of thermal expansion:	0.18 mm/m.°C
Water vapour resistance:	280 m equivalent air layer
Air gap volume:	4.0 l/m ²
Drainage capacity:	Approx. 3.8 l/sm
No. of studs: approx.	1640 per m ²
Life expectancy:	At least 50 years for defined applications
Colour:	Natural

Platon P8 is CE marked in accordance with EN 13967 and EN 13984. A separate declaration gives values for several characteristics.

Chemical Resistance

The product is resistant to all chemicals, to which it can be exposed, in normal building construction.

A small number of aggressive chemicals (e.g. solvents), in large concentrations, can to some extent attack the product during prolonged exposure. For special applications, the supplier should be contacted, with a view to assessing necessary action.

Sizes

Rolls of 2.07 m x 20 m (including flat overlapping edge without studs).

Delivery unit

Rolls are supplied on pallets in one dimension.

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