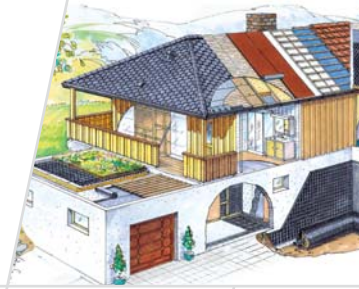


Platon P5

Data sheet

Description

Studded sheet manufactured from High Density Polyethylene. The studs on the one face of the sheet are spaced at approx. 25 mm centres in both directions, providing an air gap to the underlying construction. The air gap may perform as drainage for water penetrating to the waterproofing membrane. A stud-free 70 mm wide area along one edge of the roll only (excepting roll dim. 1 x 20 m) provides easy overlapping with vertical installation, or covering of the air gap with horizontal installation.



Application

Protection board to primary membranes on external basement walls and other foundation structures, or as underlay for structural concrete floors (alternative to a blinding layer).

Installation

Basement walls or other vertical installations:

Rolls are installed horizontally or vertically with studs facing the primary membrane and mechanically fixed along the upper edge above the primary membrane. Alternatively, temporary non-mechanical fixings may be used such as construction adhesive, double sided tape or adhesive backed insulation hangers, in which case P5 is not securely fixed before the backfill is in place. Contact the primary membrane supplier for compatibility of fixing where appropriate. Overlap joints by 70 mm, using the stud-free edge where appropriate. For horizontal installation in application heights up to 2.4 m, the product is installed with stud-free area up, covering the air gap along the top edge. Platon Moulding is used where no stud-free edge is available.

Underlay for structural concrete floors:

Unroll with studs down on levelled gravel layer without fixing. The stud-free overlapping edge of 70 mm secures longitudinal joints, preventing wet concrete from running through.

Storage, handling, transport

Platon P5 is supplied 12 rolls per pallet in one size, placed upright and protected by stretch film.

Technical Data		System	Components	Dimensions
Raw Material	PEH	40 10 11	P5 (rolls)	1.00 x 20m
Stud Height	5 mm	40 10 12	P5 (rolls)	1.57 x 20m
Membrane Thickness	0.5 mm	40 10 14	P5 (rolls)	2.07 x 20m
Weight	480 g/m ²	40 10 18	P5 (rolls)	2.47 x 20m
Air gap volume	3.25 l/m ²	41 30 15	P5 Plug	
Drainage capacity	2.4 l/sm	41 30 27	Nail with P5 Plug, 3.5 x 45 mm	
		41 10 80	Moulding, L = 2 m	