

Platon Flexi Original

Platon Flexi Original is a decoupling membrane with shear force control technology.

Description:

The Platon Flexi® Original yellow decoupling mat consists of 3 layers. The core consists of a polypropylene (PP) dimpled sheet. PP non-woven fleece is laminated on the underside, guaranteeing excellent substrate adhesion. While the thermo-bonded green and white mesh simplifies distribution improves adhesion and reduces the consumption of tile adhesive on the top surface to only 1.2 l/m². This 3-layer structure with its special material compatibility provides a secure layer for a safe and stress free tile installation.



Application:

To be used on concrete, screed, OSB, Chipboard, Plywood and for refurbishing older wood or tiled surfaces.

Installation:

To be installed on a prepared floor using tile adhesive. Spread adhesive and use a notched trowel between 4x4mm and 6x6mm depending on the substrate and adhesive type. Thoroughly embed the matting into the adhesive ensuring full coverage. Always follow the requirements of the tile adhesive supplier.

In outdoor applications, the substrate and waterproofing must have a minimum slope of 2% to ensure effective drainage. These systems are designed for use only on concrete substrates and must be combined exclusively with waterproof, frost-resistant, and weatherproof materials. Only tile adhesives, sealants, and tiles approved for outdoor use are permitted. Depending on the specific project, additional protective measures such as provision of movement joints, surface protection against extreme thermal stress, or similar design considerations may be required.

Proper planning, correct material selection, and professional installation are essential to ensure long-term durability. Responsibility for verifying the suitability of the system for the intended use lies with the planner/installer.

For more details see laying instruction on our website.

Storage:

To be stored upright with original packaging, in a dry place protected from sunlight

Approvals and guarantee



Platon Flexi Original

Product data	Value	Designation
Thickness	3	mm
Surface	PP Mesh	-
Width	1000	mm
Material	Polypropylene	-
Height of studs	2	mm
Underside	PP Fleece	-
Weight pr. m2	600	g

Product number	Length in mm
403020	30000 mm

Properties	Method	Unit	Value
Fill volume	-	l/m ²	1,2
Adhesion	EN 1348	N/mm ²	0,2
Point load	ANSI A118.12	N	7215
Crack bridging	EN 1062-7	mm	2
Robinson Floor Test	ANSI C627	Class	Extra Heavy

