

PlenaTex 110-135-150-180-225



PlenaTex is a range of multi-layer synthetic breathable waterproof membranes, composed of two outer layers of polypropylene non-woven fabric and a central functional polypropylene film, bonded together using ultrasonic welding technology. This advanced manufacturing process ensures strong cohesion between the layers, delivering structural consistency, dimensional stability, mechanical strength, and long-term durability. All PlenaTex models are rated W1 according to EN 13859-1, ensuring maximum water resistance.

PlenaTex 110 stands out for its excellent balance between breathability and strength, while PlenaTex 135, 150, 180 and 225 are engineered for more demanding applications, thanks to their enhanced mechanical robustness and anti-slip, abrasion-resistant, UV-resistant surface finish. These features improve on-site safety during installation and ensure reliable performance even under tough conditions.

PlenaTex 150 complies with ZVDH guidelines (German Confederation of Roofers) and is classified as UDB-A, providing high-level performance for roofing applications in accordance with the German market's standards.



Features



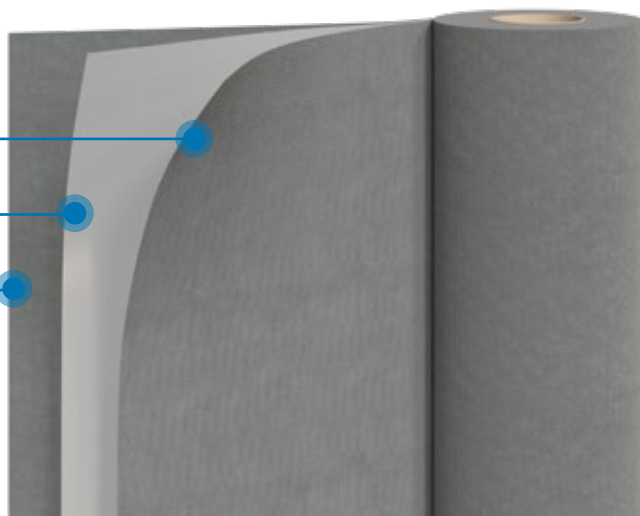
Product	Rolls for Pallets 80x120	Roll Length	Roll Width	Roll Weight	SD	Tensile Strength	Nail Tear Resistance	UV Stability
PLENATEX 110	42	50 m	1,5 m	9 kg	0,02 m	MD: 200±15% N/5cm CD: 160±15% N/5cm Classe R1	MD: 100±15% N CD: 110±15% N Classe R1	4 months
PLENATEX 135	36	50 m	1,5 m	10 kg	0,02 m	MD: 250±15% N/5cm CD: 190±15% N/5cm	MD: 130±15% N CD: 170±15% N	4 months
PLENATEX 150	30	50 m	1,5 m	11 kg	0,02 m	MD: 300±15% N/5cm CD: 215±15% N/5cm Classe R2	MD: 160±15% N CD: 180±15% N Classe R1	4 months
PLENATEX 180	25	50 m	1,5 m	14 kg	0,03 m	MD: 300±15% N/5cm CD: 270±15% N/5cm Classe R2	MD: 180±15% N CD: 190±15% N Classe R2	4 months
PLENATEX 225	20	50 m	1,5 m	17 kg	0,03 m	MD: 380±15% N/5cm CD: 355±15% N/5cm Classe R3	MD: 280±15% N CD: 280±15% N Classe R3	4 months

Composition

PP Nonwoven Fabric

PP Film

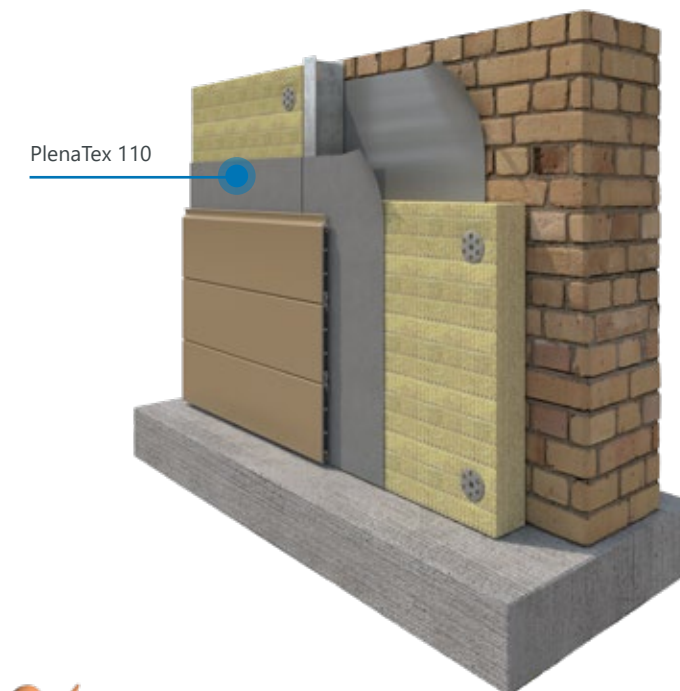
PP Nonwoven Fabric



Application

The **PlenaTex** range is designed for use as a breathable waterproof membrane installed above the insulation layer, with specific applications in both external wall assemblies and discontinuous pitched roofs.

PlenaTex 110 is particularly suitable for use on external vertical walls, positioned above the insulation and behind the cladding façades. In these configurations, the membrane helps maintain the proper hygrothermal balance of the wall assembly, reducing the risk of interstitial condensation and preserving the thermal performance of the insulation over time.




PlenaTex 135, 150, 180 e 225 are specifically developed for discontinuous pitched roofs, especially ventilated roofs with mineral wool, PIR, EPS or wood fibre insulation. In these cases, the membranes allow water vapour to escape from the interior to the exterior, ensuring effective moisture control and providing an additional layer of protection against accidental water infiltration.

The entire **PlenaTex** range helps safeguard the durability and energy performance of the building envelope, meeting modern construction standards for efficiency, reliability, and safety.

Accessories

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Product	Length	Width	Adhesive Type
 PLENAFLEX BUTYL TAPE	35 m	20 mm	butyl rubber
 PLENA ACRYL TAPE	25 m	60 mm 100 mm	modified acrylic adhesive

Product Catalogue