



PlenaFelt PE 500

PlenaFelt PE 500 is a bituminous vapour control layer composed of two polyethylene film layers and a central reinforcement of polyester nonwoven fabric, all bonded using a high-adhesion bituminous compound.

This special composition ensures excellent water vapour resistance and mechanical strength, delivering reliable performance even in challenging environmental conditions.



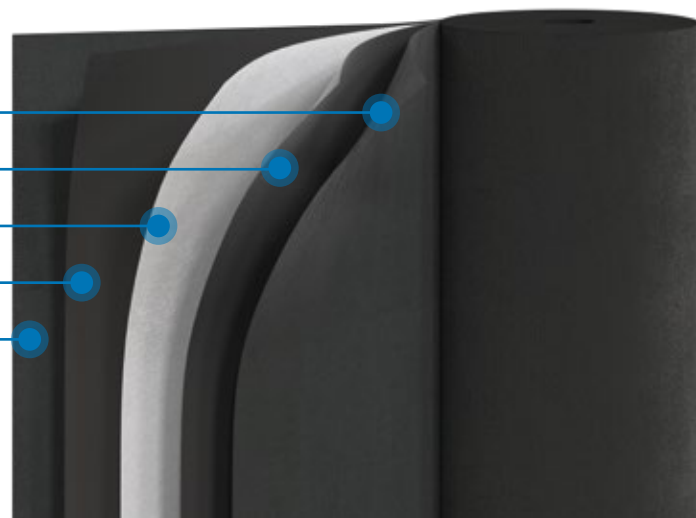
Features



Product	Rolls for Pallets 80x120	Roll Length	Roll Width	Roll Weight	SD	Tensile Strength	Nail Tear Resistance
PLENAFELT PE 500	42	30 m	1 m	15 kg	75 m	MD: 380±15% N/5cm CD: 200±15% N/5cm	MD: 100±15% N CD: 100±15% N

Composition

- PE Film
- Bitumen
- PET Nonwoven Fabric
- Bitumen
- PE Film



Application

PlenaFelt PE 500 is designed for use as a vapour control layer in discontinuous pitched roofs. It is installed over timber decking or as part of a warm roof build-up with double decking. Thanks to the polyethylene film, it provides an effective barrier against vapour migration from interior spaces, helping to protect the insulation layer and maintain its performance over time.

PlenaFelt PE 500 is especially recommended in situations where upward vapour migration control is critical, where insulation systems require reliable protection in multilayer assemblies, and where easy installation over timber substrates, good substrate adaptability and resistance to point loads are important.



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Accessories

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Product	Length	Width	Adhesive Type
PLENAFLEX BUTYL TAPE	35 m	20 mm	butyl rubber
PLENA BUTYL TAPE	15 m	50 mm	butyl rubber
PLENA BARRIER TAPE	25 m	60 mm	acrylic adhesive