



# 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
<b>PLENAFELT PE 500</b>	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

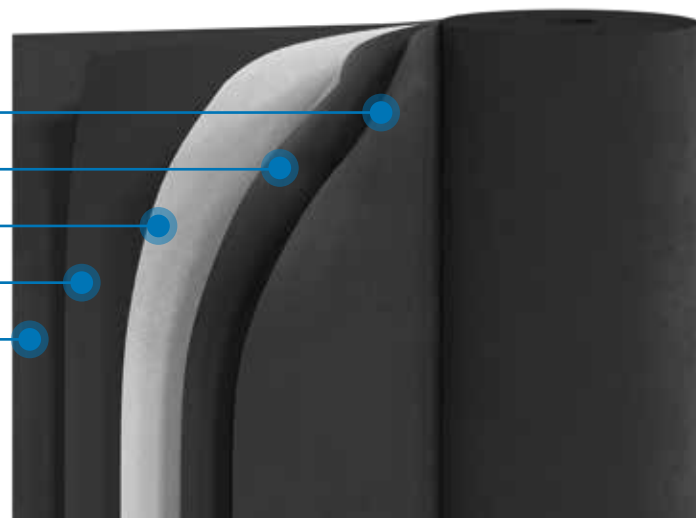
PE Film

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
 <b>PLENAFLEX BUTYL TAPE</b>	35 m	20 mm	butyl rubber
 <b>PLENA BUTYL TAPE</b>	15 m	50 mm	butyl rubber
 <b>PLENA BARRIER TAPE</b>	25 m	60 mm	acrylic adhesive