

BluSeal Fleece Lined PVC

Fleece Lined Waterproof PVC Membrane

Material Description

BluSeal Fleece Lined PVC is a PVP-P based, waterproof membrane with underlay of a non-woven PES-textile*.

BluSeal Fleece Lined PVC has one edge of the sheet without non-woven textile due to enable a longitudinal band joining.

BluSeal Fleece Lined PVC can be cut into strips and welded along the edge of **BluSeal PVC Tunnel Liner** to aid in creating an epoxy termination.

*Mass per unit area – 120g/m²

Application

Cut fleece lined membrane to the required width. Heat weld the strip to the edge of the **BluSeal PVC Tunnel Liner** at the location where an epoxy termination is required. Epoxy is then applied over the entire fleece strip area and continue to a minimum of 50mm onto the substrate.

Substrate must be clean and dry to assist with the bonding of the epoxy. If being applied onto a formed surface a light scabbling may be required also to aid bonding. A high build epoxy such as **MasterStrength 1475** is recommended.

Product Data

Tested Characteristic	Standard	1.6mm Result
Visible Defects	EN 1850-2	Meets
Straightness	EN 1848-2	≤50mm
Flatness	EN 1848-2	≤10mm
Dimensional Stability	EN 1107-2	Maximum ± 0.3%
Maximum Tensile Force	EN 12311-2 Method A	MD ≥650N/50mm CD ≥650N/50mm
Elongation @ Maximum Tensile Force	EN 12311-2 Method A	MD ≥150% CD ≥150%
Tear Resistance	EN 12310-2	≥160N
Foldability @ Low Temperature	EN 495-5	≤-25°C
Joint Peel Resistance	EN 12316-2	≥200N/50mm
Joint Shear Resistance	EN 12317-2	≥600N/50mm
Water Tightness	EN 1928 Method B	Meets
Resistance to Static Load	EN 12730 Method B	Meets 20kg
Reaction to Fire	EN 13501-1	Class E
Resistance to Impact	EN 12691 Method A EN 12691 Method B	Meets 1000mm Meets 1500mm
Exposure to UV Radiation, Water and Elevated Temperature	EN 1297	Meets Grade 0
Water Vapour Properties	EN 1931	10000 ±3000
Mass per Unit Area	EN 1849-2	1.64 (-0.08; +0.16) kg/m ²
Resistance to Root Penetration	EN 13948 FLL Test	Meets

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Disclaimer

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