



VYTPO-F

Fleece Back TPO Waterproofing Membrane

DESCRIPTION

VYTPO-F are fleece backed TPO waterproofing membranes manufactured using advanced extrusion and lamination technology.

The membranes consist of a high-performance TPO waterproofing layer laminated with a nonwoven fleece backing. The fleece layer enhances compatibility with substrates and improves adhesion performance, making the membrane suitable for adhered roofing systems and refurbishment projects.

BENEFITS

- Excellent waterproofing performance
- Fleece backing improves substrate compatibility
- Suitable for uneven or rough substrates
- Excellent weldability using hot-air welding
- UV and weather resistant
- Durable and long service life

APPLICATIONS

VYTPO-F membranes are designed for waterproofing applications including:

- Fully adhered roofing systems
- Roof refurbishment and overlay systems
- Concrete roof decks
- Roofing systems requiring fleece backed membranes

INSTALLATION

VYTPO-F membranes are typically installed using:

- Fully adhered systems
- Adhesive bonded systems

Membrane seams are welded using hot-air welding equipment to ensure durable and watertight joints.

Installation should be carried out by trained professionals in accordance with project specifications.

STORAGE & SHELF LIFE

Rolls should be stored in their original packaging in a dry and shaded area.

Avoid exposure to direct sunlight and moisture during storage.

Recommended storage temperature: 5°C – 30°C

Shelf life: 24 months under proper storage conditions

DIMENSIONS & PACKAGING

Parameter	Value
Thickness (excluding backing non-woven fabric)	1.2 / 1.5 / 1.8 / 2.0 mm
Width	2.0 m
Length	20 m
Color	White / Grey
Packaging	Rolls

TECHNICAL DATA

Property	Value				Test Method
Thickness, mm	1.2	1.5	1.8	2.0	EN 1849-2
Tensile strength (N/5cm)	≥ 600	≥ 600	≥ 600	≥ 600	EN 12311-2
Elongation to break (%)	≥ 150	≥ 150	≥ 150	≥ 150	EN 12311-2
Tear resistance (N)	≥ 150	≥ 150	≥ 150	≥ 150	EN 12310-2
Resistance to impact (mm)	≥ 450	≥ 600	≥ 700	≥ 800	EN 12691
Cold bending (°C)	≤ - 40	≤ - 40	≤ - 40	≤ - 40	EN 495-5
Hydrostatic pressure resistance (6 hours at 0,5 Mpa)	water-proof	water-proof	water-proof	water-proof	EN 1928 met. B
Resistance to artificial weathering (UV)	no surface cracking	no surface cracking	no surface cracking	no surface cracking	EN 1297
Resistance to static punching (kg)	≥ 20	≥ 20	≥ 20	≥ 20	EN 12730

