



VYTPO-PF

Polyester Reinforced Fleece Back TPO Waterproofing Membrane

DESCRIPTION

VYTPO-PF are polyester reinforced TPO waterproofing membranes laminated with a nonwoven fleece backing.

The fleece backing improves compatibility with various substrates and allows installation on rough or uneven surfaces. The membranes combine high mechanical strength with excellent flexibility and weldability, making them suitable for roofing refurbishment and adhered roofing systems.

BENEFITS

- Excellent waterproofing performance
- Polyester reinforcement for high tensile strength
- Fleece backing for improved adhesion
- Compatible with uneven or rough substrates
- Excellent weldability with hot-air welding
- UV and weather resistant
- Durable and long service life

APPLICATIONS

VYTPO-PF membranes are suitable for waterproofing applications including:

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

INSTALLATION

VYTPO-PF 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 according to 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)	≥ 1250	≥ 1250	≥ 1250	≥ 1250	EN 12311-2
Elongation to break (%)	≥ 15	≥ 15	≥ 15	≥ 15	EN 12311-2
Tear resistance (N)	≥ 450	≥ 450	≥ 450	≥ 450	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
Dimensional stability after 6 hours at 80°C (%)	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	EN 1107-2
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

