



VYTPO-P

Polyester Reinforced TPO Waterproofing Membrane

DESCRIPTION

VYTPO-P are high-performance polyester reinforced TPO waterproofing membranes manufactured using advanced extrusion technology.

The membranes combine excellent waterproofing performance with high mechanical strength and durability. They are designed for long-term roofing waterproofing applications and are suitable for a wide range of commercial and industrial roofing systems.

BENEFITS

- Excellent waterproofing performance
- High tensile strength and dimensional stability
- Outstanding weldability using hot-air welding
- Excellent flexibility at low temperatures
- UV and weather resistant
- Durable and long service life

APPLICATIONS

VYTPO-P membranes are designed for waterproofing applications including:

- Commercial and industrial flat roofs
- Mechanically fixed roofing systems
- Fully adhered roofing systems
- Renovation and refurbishment projects

INSTALLATION

VYTPO-P membranes are typically installed using the following methods:

- Mechanically fastened system
- Fully adhered system

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

Installation should be carried out by trained professionals following 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	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

