



VYTPO-G

Glass Fiber Reinforced TPO Waterproofing Membrane

DESCRIPTION

VYTPO-G are glass fiber reinforced TPO waterproofing membranes manufactured using advanced extrusion technology.

The membranes incorporate a glass fiber reinforcement layer to provide excellent dimensional stability while maintaining good flexibility and weldability. VYTPO-G membranes are designed for waterproofing systems requiring stable membranes with minimal shrinkage.

BENEFITS

- Excellent dimensional stability
- Reliable waterproofing performance
- Good weldability with hot-air welding
- UV and weather resistant
- Durable and long service life
- Suitable for large-area waterproofing systems

APPLICATIONS

VYTPO-G membranes are designed for waterproofing applications including:

- Flat roofing systems
- Ballasted roofing systems
- Loose-laid roofing systems
- Waterproofing systems requiring stable membranes

INSTALLATION

VYTPO-G membranes are typically installed using:

- Loose-laid systems
- Ballasted systems
- Fully adhered systems

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

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/mm ²)	≥ 10	≥ 10	≥ 10	≥ 10	EN 12311-2
Elongation to break (%)	≥ 200	≥ 200	≥ 200	≥ 200	EN 12311-2
Tear resistance (N/mm)	≥ 50	≥ 50	≥ 50	≥ 50	EN ISO 34-1 EN ASTM D624 Angle test
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 (%)	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1	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