



PUDLO GP Titan Bond EXT Tape

DESCRIPTION

PUDLO GP Titan Bond EXT Tape is a self-adhesive membrane strip which has all-weather adhesive backing.

USES

PUDLO GP Titan Bond EXT Tape is an under tape for the use with **PUDLO GP Titan Bond Membrane** where applying the end of a roll end to the start of a new one.

BENEFITS

- Easy to apply
- Flexible

TECHNICAL DATA

Physical Properties

Characteristics	Test Method	Unit	PUDLO GP Titan Bond EXT Tape
Thickness	EN 1849-2	mm	1.2
Width	EN 1849-2	M	0.3
Length	EN 1849-2	M	20
Weight	EN 1849-2	g/m ²	1000

Hydraulic Properties

Characteristics	Test Method	Unit	PUDLO GP Titan Tape
Water Vapour Transmission Rate	EN 1931	g/m ² /day	0.14
Water Tightness (60kPa)	EN 1928	-	PASS
Water Tightness (196kPa – 20m water head) Basement	EN 1928	-	PASS

Mechanical Properties

Characteristics	Test Method	Unit	PUDLO GP Titan Tape
Resistance to Static Load	EN 12730	Kg	>20
Tensile Strength (MD)	EN 12311-1	N/50mm	>550
Tensile Strength (CMD)	EN 12311-1	N/50mm	>400
Tear Resistance (MD)	EN 12310-1	N	>300
Tear Resistance (CMD)	EN 12310-1	N	>300
Resistance to Impact	EN 12691-B	N	>650
Reaction to Fire	EN ISO 11925-2	Class	E
Resistance to Artificial Ageing	EN 1296	-	PASS
Resistance to Chemicals	EN 1847	-	PASS



PRODUCT DATA SHEET

Vapour Permeability – 100% Concentration

Characteristics	Test Method	Unit	PUDLO GP Titan Tape
Transmission Rate of Benzene	EN ISO 15105-2	mg/m ² /day	2250
Transmission Rate of Toluene	EN ISO 15105-2	mg/m ² /day	2370
Transmission Rate of Ethyl Benzene	EN ISO 15105-2	mg/m ² /day	400
Transmission Rate of Xylene (m,p,o)	EN ISO 15105-2	mg/m ² /day	690
Transmission Rate of Hexane	EN ISO 15105-2	mg/m ² /day	98.25
Transmission Rate of Vinyl Chloride	EN ISO 15105-2	mg/m ² /day	36.44
Transmission Rate of Trichloroethene (TCE)	EN ISO 15105-2	mg/m ² /day	1.44
Transmission Rate of Tetrachloroethene (PCE)	EN ISO 15105-2	mg/m ² /day	1.59

Gas Permeability

Characteristics	Test Method	Unit	PUDLO GP Titan Tape
Methane Permeability	EN ISO 15105-1	ml/m ² /day/atm	0.13
Methane Permeability (Welded Joint)	EN ISO 15105-1	ml/m ² /day/atm	1.00
Carbon Dioxide Permeability	EN ISO 15105-1	ml/m ² /day/atm	3.01
Transmission Rate of Vinyl Chloride Gas	EN ISO 15105-1	ml/m ² /day/atm	0.04
Radon Permeability	SP Method 3873	M ² /s	3.0 x 10 ⁻¹²

APPLICATION

PUDLO GP Titan Bond EXT Tape should be installed in accordance with product installation guidelines.

PACKAGING

Rolls strips are 0.3m x 20m in black or silver colour.

ANCILLARY PRODUCTS

- **PUDLO GP Titan Bond Membrane**
- **PUDLO GP Titan Tape**
- **HDBR Waterbar (sealing construction joints)**

HEALTH & SAFETY

The weight of each roll can be in excess of 20kg. Appropriate care and equipment is required for unloading and manual handling. Please refer to material safety data sheet for more information.

FIRE

PUDLO GP Titan Bond EXT Tape is non-toxic nor flammable.

STORAGE & SHELF LIFE

PUDLO GP Titan Bond EXT Tape should be stored in a cool dry place and should be protected from rain, sun, heat and cold exposure prior to installation. Exposure to direct sunlight may result in difficulty removing the polyethylene film. It is recommended that **PUDLO GP Titan Bond EXT Tape** is applied in temperatures below 10°C. In colder weather, the tape can be warmed slightly to aid adhesion.

For further information on accessories that are used with **PUDLO GP Titan Bond EXT Tape** please contact PUDLO Head Office on 01954 780687 or email sales@pudlo.com.