



PUDLO GP Liquid Gas Barrier

DESCRIPTION

PUDLO GP Liquid Gas Barrier is a specialist styrene butadiene latex based liquid. **PUDLO GP Liquid Barrier** prevents gas penetration for Methane, Radon, Carbon Dioxide, VOC's, air and moisture into buildings.

USES

PUDLO GP Liquid Gas Barrier is used for the sealing of pile heads prior to concrete slabs cast across the top. **PUDLO GP Liquid Gas Barrier** is a barrier to moisture and can be used as a DPM on floors and walls. This product can be used to protect most building surfaces from the effect of liquid and water vapour, carbonation and as a gas barrier to prevent ingress of Methane, Carbon Dioxide and Radon.

BENEFITS

- Easy to apply.
- Provides an effective gas and moisture vapour barrier.
- 15kg tubs.

TECHNICAL DATA

PUDLO GP Liquid Gas Barrier complies with the latest codes of practice as set out by BR211, CIRIA and BS 8485:201. **PUDLO GP Liquid Gas Barrier** is also suitable for use as gas protection for NHBC under the traffic light system (Green, Amber 1, Amber 2 and Red sites).

Physical Properties

Characteristics	Test Method	Unit	PUDLO GP Liquid Gas Barrier
Applied Thickness	-	mm	>1.0
Form Supplied	-	-	Viscous Liquid
Pack Size	-	-	15kg
Colour	-	-	Green
Chemical Composition	-	-	Advanced SBS with specialty additives

Physical Properties

Characteristics	Test Method	Unit	PUDLO GP Liquid Gas Barrier
Water Tightness	EN 1296, EN 1367, EN 1928	-	PASS
Methane Permeability	BS EN ISO 15105-1	ml/m ² /day/atm	0.01
Radon Permeability	Saarland University GER	Mm	>1.0mm applied thickness provides a complete barrier to Radon

APPLICATION

Surface should be smooth or have a light, even texture. All masonry should be flush-pointed and defects in the surfaces made good prior to application. All surfaces should be clean and free from dirt / debris and loose material. Free standing surface water must also be removed if present and dry. **PUDLO GP Liquid Gas Barrier** should NOT be applied in wet conditions or where weather forecast is expected to change before the membrane product is dry. The liquid gas barrier should not be applied in temperatures below 7°C.



PRODUCT DATA SHEET

Where multiple coats are applied, it is recommended that the coats are applied at right angles to each other. Prior to application of the second coat, it is necessary to let the first coat become touch dry.

Time required to reach touch dry will be dependent on-site conditions within the working area. Typically, the product should dry within 2 hours. It is preferable that the second coat is applied within 24 hours of the first coat.

COVERAGE

PUDLO GP Liquid Gas Barrier can be applied by roll, brush or airless spray. A minimum dry coated thickness of 1.0mm is needed to provide a gas barrier. To achieve 1.0mm thickness a total of 2kg/m² is required. X1 15 kg tub will cover an area of 7.5m²

PACKAGING

15kg tubs / 33 tubs per pallet

PUDLO supplies a 120mm x 5m reinforcing strip with every 3 tubs for detailing around upstands / changes in level or angles.

ANCILLARY PRODUCTS

- **PUDLO GP Titan Bond Membrane**
- **PUDLO GP Titan tape**
- **PUDLO GP Titan Bond EXT Tape**

HEALTH & SAFETY

Appropriate care must be taken when manual handling the product. After use, please ensure all tools are clean.

FIRE

Refer to **PUDLO GP Liquid Gas Barrier** MSDS for more information.

STORAGE & SHELF LIFE

Store tubs in dry conditions between 5°C and 30°C. Product has a 12-month shelf life.

For further information on accessories that are used with **PUDLO GP Liquid Gas Barrier** please contact PUDLO Head Office on 01954 780687 or email sales@pudlo.com.