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PRODUCT DATA SHEET

PUDLO Liquid GB

DESCRIPTION

PUDLO Liquid GB is a specialist styrene butadiene latex-based liquid. **PUDLO Liquid GB** prevents gas penetration for Methane, Radon, Carbon Dioxide, air and moisture into buildings.

USES

PUDLO Liquid GB is used for the sealing of pile heads prior to concrete slabs cast across the top. **PUDLO Liquid GB** 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. **PUDLO Liquid GB** also acts as a waterproofing membrane complying with the requirement C2 and C4 schedule 1 of the Building Regulations 1991 for England and Wales and BS8102:2009 (Type A waterproofing membrane).

BENEFITS

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

TECHNICAL DATA

PUDLO Liquid GB complies with the latest codes of practice as set out by BR211, CIRIA and BS 8485:201. **PUDLO Liquid GB** 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 Liquid GB
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 Liquid GB
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 Liquid GB**



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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.

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 Liquid GB can be applied by roll, brush or 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 GB Ultra+**
- **PUDLO GB Ultra Tape**
- **PUDLO GB Ultra EXT Tape**
- **Surestop BWB / Surestop SWB (sealing construction joints)**
- **Surestop SM**
- **Surestop Adhesive**
- **Surestop Voidformer**

HEALTH & SAFETY

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

FIRE

Refer to **PUDLO Liquid GB** 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 Liquid GB** please contact PUDLO Head Office on 01954 780687 or email sales@pudlo.com.