



Part of the DBGroup

PRODUCT DATA SHEET

PUDLO RAWMAT PJ1

DESCRIPTION

PUDLO Rawmat PJ1 is a high density, pre-hydrated sodium bentonite membrane for the waterproofing of base slabs in accordance with BS 8102: 1990

USES

For all aspects of waterproofing where a Grade 1 to Grade 3 environment is required, as part of a single or dual system recommended in BS8102:2009. **PUDLO Rawmat PJ1** provides protection in pre-applied situations. The membrane can be used in horizontal or vertical applications. **PUDLO Rawmat PJ1** is suitable for ponds, lagoons, lake lining, storage tanks, landfill/contaminated land capping and many more civil waterproofing and barrier applications, please contact the technical team for further uses.

BENEFITS

- **PUDLO RAWMAT PJ1** is pre-hydrated
- Full surface contact between the impregnated cover layer and the PUDLO concrete ensures that small cracks and surface imperfections are sealed
- Self-healing in presence of moisture
- Quick and easy installation
- Can be installed in all weather conditions
- Can be used in chalk conditions
- BBA accredited



INSTALLATION

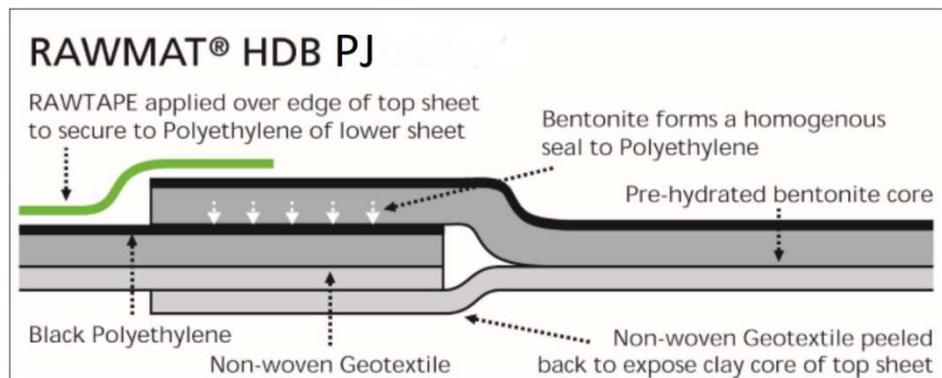
All projects must be assessed on an individual basis as installation details may differ. For project specific recommendations contact the Technical Department at **PUDLO**. Installation may continue during light rainfall providing the backfilling process continues until all the **PUDLO RAWMAT PJ1** is covered with the correct depth of protective layer.

The surface onto which the **PUDLO RAWMAT PJ1** is to be laid should be compacted to provide a firm, smooth surface free of all sharp objects and building debris.

The **PUDLO RAWMAT PJ1** should be laid with the non-woven geotextile in contact with the ground. A sealed joint is achieved by peeling back the non-woven geotextile on the ground-facing membrane, installing the next sheet, overlapped to a minimum of 150mm, and folding the clay core side onto the polyethylene side of the adjacent sheet, then applying **PUDLO RAWPASTE** over the entire joint.

Where an immediate seal against hydrocarbons, contaminants or gases is required a liberal application of **PUDLO RAWPASTE** to the woven geotextile within the joint should be made, prior to lapping. Any necessary penetrations through the **PUDLO RAWMAT PJ1** should be sealed by the application of **PUDLO RAWPASTE MASTIC**.

In the event of damage occurring to the **PUDLO RAWMAT PJ1**, the damaged area should be overlain by a patch of the **PUDLO RAWMAT PJ1** at least 300mm larger in all directions than the damaged area. Please make sure that the area which the **PUDLO RAWMAT PJ1** is being laid should be cleared of all debris and swept clean. The polythene layer should be peeled off the central bentonite core and **PUDLO RAWPASTE** applied across the exposed core. The patch is then placed in position and the white non-woven geotextile is removed and can be discarded. Once that is done, place the clay core of the patch onto the prepared mastic surface and over the torn area. The polyethene sheet can then be folded back over the patch and sealed with **PUDLO RAWTAPE** and the protective cover layer placed carefully over the remedial works.



LIMITATIONS

- **PUDLO Rawmat PJ1** is not intended for movement joints. Please consult a movement joint waterproofing specialist for primary waterproofing system
- For reinforced concrete thicknesses please contact **PUDLO** with your technical requirements

ANCILLARY PRODUCTS

- PUDLO Rawpaste
- Surestop BWB / Surestop SWB (sealing construction joints)
- Surestop Adhesive
- Surestop SM
- Surestop Voidformer
- Surestop Steel Cage Mesh
- Soft Washer Fixings



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PACKAGING

1 Roll = 2m x 50m = 100m², Average weight is approximately 850kg.
Roll dimensions = 800mm diameter x 2,010mm width.
28 Rolls (2800m²) per 40ft container.

HEALTH & SAFETY

PUDLO Rawmat PJ1 rolls are extremely heavy and will need mechanical lifting. Refer to MSDS for more information.

STORAGE

PUDLO Rawmat PJ1 should be kept in dry conditions.

FIRE

Please refer to **PUDLO Rawmat PJ1** MSDS for information.

For further information on accessories that are used with **PUDLO Rawmat PJ1** please contact **PUDLO** Head Office on 01954 780687 or email sales@pudlo.com.