



Part of the DB Group

# PUDLO Rawmat SS

## DESCRIPTION

**PUDLO Rawmat SS** is a high density, pre-hydrated sodium bentonite membrane for the waterproofing of below ground sub-structures.

## 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 SS** provides protection in post fix situations. **PUDLO Rawmat SS** is used for retaining wall application where land drain is advised.

## BENEFITS

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

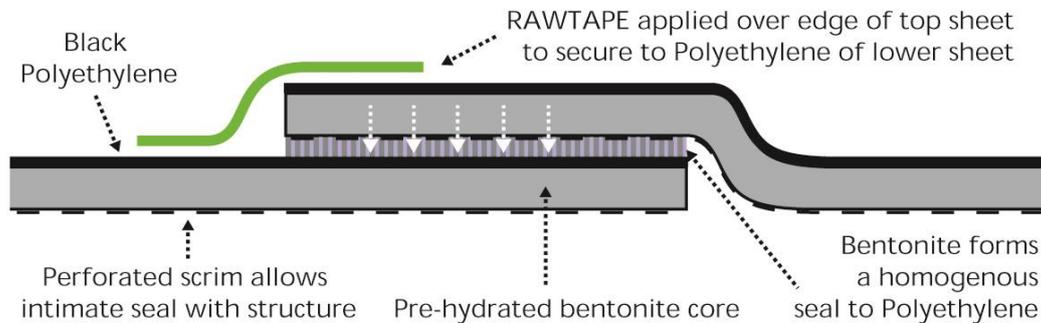


## INSTALLATION

Prior to installation, all projects must be assessed on a project by project basis as the installation can vary between projects. Please contact **PUDLO** for typical details and installation instructions.

When using **PUDLO Rawmat SS** to waterproof a podium deck, roof or tunnel the membrane must be laid with the perforated scrim side to the structure and polythene film side facing upwards. This will provide an intimate seal between the natural sodium bentonite and concrete to prevent any tracking liquid. All surfaces of concrete must be smooth, free from voids with all dirt and debris removed (air hose). Any voids in the surface can be filled with mortar or **PUDLO Rawpaste**.

## RAWMAT® HDB - Slabseal



### Key points of membrane installation:

- All membrane overlaps must be securely taped using **PUDLO Rawtape**
- Minimum overlap length is 100mm
- Pipe penetrations through **PUDLO Rawmat SS** membrane should be sealed using **Surestop BWB** (70mm cover) and a fillet of **PUDLO Rawpaste** applied around the base of the pipe and membrane

Note: Any exposed pieces of membrane should be protected at all times to avoid damage and moisture coming in to contact with the pre-hydrated bentonite. In the event of damage to the membrane, **PUDLO Rawmat SS** can be repaired by laying a piece of **PUDLO Rawmat SS** over the top of the affected area (150mm x 150mm bigger). Remove the non-woven geotextile from the patch, placing the patch black side facing upwards, and secure using **PUDLO Rawpaste** or soft washer fixings.

### Ground Termination:

- **PUDLO Rawmat SS** is terminated 300mm below GF level and fastened with soft washer fixings
- Overlap secondary waterproofing system in line with manufacturer's specification (typically 150mm overlap) and up into the cavity tray. For specific details please contact **PUDLO**

### LIMITATIONS

- **PUDLO Rawmat SS** 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**
- **PUDLO Rawtape**
- **Surestop BWB / Surestop SWB (sealing construction joints)**
- **Surestop Adhesive**
- **Surestop SM**
- **Surestop Voidformer**
- **Surestop Steel Cage Mesh**
- **PS Tie Bolt Hole Tube**
- **Soft Washer Fixings**



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## PRODUCT DATA SHEET

### PACKAGING

1.m x 5m rolls = 5m<sup>2</sup>. Average weight is approximately 43kg. Roll dimensions = 200mm diameter x 1,005mm width.

1 pallet = 30 rolls (150m<sup>2</sup>). Average weight = 1,350kg per pallet.

### HEALTH & SAFETY

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

### STORAGE

**PUDLO Rawmat SS** should be kept in dry conditions.

### FIRE

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

For further information on accessories that are used with **PUDLO Rawmat SS** please contact **PUDLO** Head Office on 01954 780687 or email [sales@pudlo.com](mailto:sales@pudlo.com)