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PRODUCT DATA SHEET

PUDLO CD08

DESCRIPTION

PUDLO CD08 is a 8mm studded membrane which is suitable for wall applications when used in a **PUDLO Cavity Drain System** (Type C) installation. **PUDLO CD08** is the smallest studded membrane within our range.

USES

PUDLO CD08 is typically used in liner walls (please contact **PUDLO** for more information), vaults, tunnels, above and below ground level and other waterproofing applications.

BENEFITS

- Complies to BS8102:2009
- Quick and easy to install
- Easy to bend around windows & doors
- Membrane can be easily cut
- Waterproof and salt inhibiting
- Resistant to root and salt contaminants
- No drying out process for decoration. Can take place immediately
- High quality product



SURFACE PREPARATION

Where **PUDLO CD08** is used in new construction builds it is important that prior to installation the concrete has been placed in accordance with BS 8110 (EN 1992 Part 1) and BS 8007 (EN1992 Part 3). **All concrete surfaces must be free from dirt and debris with PUDLO Surface Sealer applied to all exposed concrete.**

*Note: It is important that all contaminants are removed from any surfaces suffering from mould or masonry fungi by brushing with specialist products to timbers prior to fixing the membrane. In the event dry rot is present please contact a dry rot specialist for detailed technical assessment before proceeding. Please contact **PUDLO** for more information.*

For all other surface preparation where **PUDLO Cavity Drain System** is against non-concrete surfaces please contact **PUDLO** for further information.

APPLICATION

Wall Application

- Drill a hole through the **PUDLO CD08**, through the centre of the stud. Please ensure care is maintained when drilling through the membrane.
- Insert **PUDLO Plug S** into the hole and securely fix in place with a wooden mallet. Recommended spacings between plugs when fixed through membrane is 250mm – 600mm centres. Installers will fix membrane in accordance with their own requirements.
- Place a strip of **PUDLO CD Tape** at the flanges where no studs are present to securely hold in place.



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- Where stud to stud joints are present, the membrane should overlap a minimum of 3 rows and be securely fixed with **PUDLO CD Tape**. In the event there could be severe water ingress, membrane overlaps could also be sealed using **PUDLO CD Overseal Tape**. Please contact **PUDLO** for more information.
- **PUDLO CD08** flanges should run vertically and positioned in front of the proceeding width of membrane. Horizontal joints, the lower sheet is positioned to the front.

Vaulted Ceilings Application

*When installing **PUDLO CD08** for a vaulted ceiling application it is best practice to start placing the membrane in the centre of the arch and install the membrane down the vertical walls*. Installing **PUDLO CD08** to vaulted

ceilings there may be a requirement to fix the studs through the membrane at an angle. For fixings to remain in place securely, use **PUDLO CD Plug** (without seal) and wrap **PUDLO CD Rope** around the studs prior to fixing.



Above Ground Application

PUDLO CD08 ground floor applications should finish at solid floor and ceiling interfaces using profile strips.

FINISHINGS

Once **PUDLO CD08** has been installed please refer to your design specification with regards to insulation (if necessary). Impermeable floor finishes should not be laid until screed moisture content is below 75% Relative Humidity. Normal decorating materials can be used as soon as floor screeds or plaster finishes are dry. Whilst applying, please ensure atmospheric moisture levels are below 70% Relative Humidity.

Stud Frame

PUDLO Plug / **PUDLO Plug S** should be installed in a vertical line and corresponding to the stud locations and battens every 600mm centres.

VENTILATION

To achieve a Grade 3 habitable environment in accordance with BS 8102:2009, please ensure adequate ventilation / de-humification or air conditioning is designed and installed accordingly. **PUDLO Cavity Drain Systems** provide a dry, warm habitable space in basements.



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TECHNICAL INFORMATION

Characteristics	Test Method	Result
Material	-	HDPE
Weight	-	0.7 Kg/m ²
Thickness	-	0.8mm
Stud Height	-	7mm
Colour	-	Clear
Temperature	-	-50°C - +80°C
Softening Temperature	-	126°C
Tensile Strength (MD)	BS 12311-2	416N
Tensile Strength (CD)	BS 12311-2	488N
Water Vapour Resistance	-	>3020 MNs/g
Static Load Resistance	BS 12730	>20 Kg
Reaction to Fire	BS EN 13501-1	Class F
Life Expectancy of Product	-	Lifetime of Structure

LIMITATIONS

PUDLO CD08 should not be used in applications where hydrostatic pressure resides as a single system. In addition, flat soffits should never be lined with **PUDLO CD08** as it requires a minimum slope of 10%.

COVERAGE / YIELD

PUDLO CD08 comes in 2m x 20m rolls with a coverage of 40m² per roll.

PACKAGING

PUDLO CD08 is clearly packaged and securely wrapped for delivery.

STORAGE

PUDLO CD08 must be stored on-site in an upright position to avoid damage to the membrane. Please ensure the membrane is kept under cover and away from high temperatures and flames.

This product comes with a 50-year shelf life.

ANCILLARY PRODUCTS

- **PUDLO CD20**
- **PUDLO CD Perimeter Channel / T-Piece / Corner Piece**
- **PUDLO CD Floor Channel**
- **PUDLO CD Flush Point**
- **PUDLO CD Drainage Outlet**
- **PUDLO CD End Outlet (comes in left or right and outlet is off the end of the channel)**
- **PUDLO CD Central Outlet (central drainage channels)**
- **PUDLO CD Tape (28mm X 22m)**
- **PUDLO CD Corner Tape (150mm x 20m)**
- **PUDLO CD Rope (10mm X 5m)**
- **PUDLO CD Plug / S**
- **PUDLO Surface Sealer**



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HEALTH & SAFETY

No specific hazards should arise when using **PUDLO CD08** or any other ancillary with the **PUDLO Cavity Drain System**. However, we also maintain precautions should be exercised on-site when handling and storing the product. Please refer to **PUDLO CD08** MSDS for further information.

For further information on accessories that are used with **PUDLO CD08**, please contact **PUDLO** Head Office on 01954 780687 or email sales@pudlo.com.