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PRODUCT DATA SHEET

PUDLO CD08M (Mesh)

DESCRIPTION

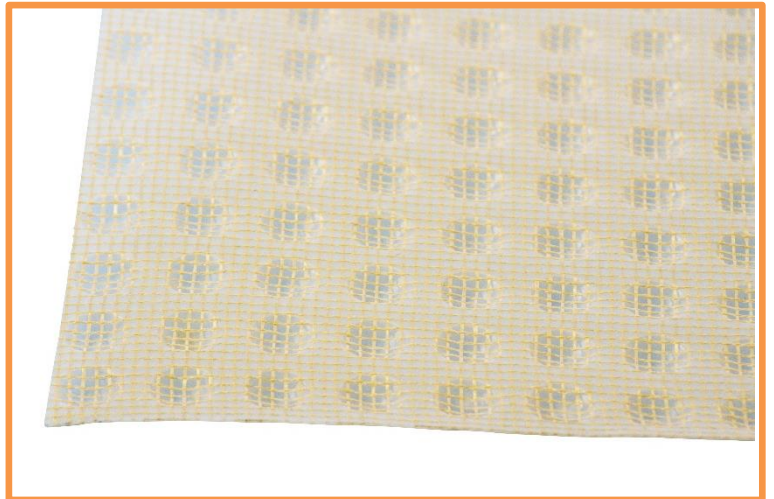
PUDLO CD08M is an 8mm studded membrane which is suitable for wall applications when used in a **PUDLO Cavity Drain System** (Type C) installation which allows direct application of various plaster finishes, adhesives and plasterboards. **PUDLO CD08M** is the smallest studded membrane within our range.

USES

PUDLO CD08M 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
- High performance bonded mesh
- Resistant to root and salt contaminants
- No drying out process for decoration. Can take place immediately
- High quality product



SURFACE PREPARATION

Where **PUDLO CD08M** 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 CD08M**, through the centre of the stud. Please ensure care is maintained when drilling through the membrane.
- Insert **PUDLO CD Plug P** into the hole and securely fix in place with a wooden mallet. Spacing should not exceed 250mm to ensure the membrane is tightly fixed against the wall.



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- Place a strip of **PUDLO CD Tape** at the flanges where no studs are present to securely hold in place.
- 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 CD08M** 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 CD08M** 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 CD08M** 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 Plug P** and wrap **PUDLO CD Rope** around the studs prior to fixing.

Above Ground Application

PUDLO CD08M ground floor applications should finish at solid floor and ceiling interfaces using profile strips.

FINISHINGS

Once **PUDLO CD08M** 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.

When plastering on to **PUDLO CD08M** this should be done in accordance with BS 8481:2006. The first coat should be used to cover the studs and mesh. The application requires a scratch finish and allowed to set before applying the 2nd coat to an overall thickness of 15mm. Upon completion a 3mm skin finish is required.

For dry lining, a conventional bonding plaster in dabs to a minimum thickness of 8mm whilst covering at least 50% of the membrane surface area is recommended. Once the plaster has dried, the wall surface can be painted or wallpapered using traditional methods. Alternatively, a conventional 50mm of sand and cement screen can be applied.

Stud Frame

PUDLO Plug P 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	-	0.705 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 CD08M should not be used in applications where hydrostatic pressure resides as a single system. In addition, flat soffits should never be lined with **PUDLO CD08M** as it requires a minimum slope of 10%.

COVERAGE / YIELD

PUDLO CD08M comes in 2m x 20m rolls with a coverage of 40m² per roll.

PACKAGING

PUDLO CD08M is clearly packaged and securely wrapped for delivery.

STORAGE

PUDLO CD08M 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 P
- PUDLO Surface Sealer



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HEALTH & SAFETY

No specific hazards should arise when using **PUDLO CD08M** 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 CD08M** MSDS for further information.

For further information on accessories that are used with **PUDLO CD08M**, please contact **PUDLO** Head Office on 01954 780687 or email sales@pudlo.com.