

FORMCEAL P3PL/A

TORCHED ON WATERPROOFING MEMBRANE

DATA SPECIFICATION SHEET



DESCRIPTION

Formceal P-3-PL-A is a high performance, prefabricated, modified bitumen roof waterproofing material supplied in roll form. Being reinforced with non-woven spun bound polyester it has excellent elasticity and strength properties. Formceal P-3-PL-A membrane is finished with coloured aggregate chips making it suitable for exposed roof waterproofing installation.

PRODUCT SPECIFICATION

TYPE: Formceal P-3-PL-A is a reinforced, modified bitumen based waterproofing membrane with coloured chips for exposed application.

ROLL SIZE: 10m long by 1m wide.

PACKING SIZE: Available as individual rolls or in pallets.

NOMINAL WEIGHT: $\approx 5 \text{ kg/m}^2$

DIMENSIONAL STABILITY (SS 374): 0.04%

RESISTANCE TO LEAKAGE AT JOINTS (SS 374): No leakage at joints

TENSILE STRENGTH (SS 374): 6.56 N/mm^2

ELONGATION (SS 374): 62%

WATER ABSORPTION (SS 374): 0.75%

PLIABILITY (SS 374): No visible surface rupture

TENSILE STRENGTH AT JOINTS (SS 374): Failure occurred outside joint

WATER VAPOUR TRANSMISSION (SS 374): $4.15 \text{ g/m}^2/\text{hrs}$

HYDROSTATIC PRESSURE RESISTANCE TEST AT 3 BARS (SS 374): No leakage

SUBSTRATE PREPARATION

Make sure that the substrate is clean, dry and free of dirt and loose particles. Provide angle fillets at all upturn areas to parapets etc.

APPLICATION

Application of this product requires special skills and experience, and should be carried out by licensed and trained applicators. This product may be applied directly over the substrate or old membranes. In cases where this product is applied over existing membranes, cut out unsound areas first and repaired the substrate where necessary.

Before the rolls are applied, it is advisable to mark the substrate in a grit pattern to ensure the rolls are laid in straight and even lines.

As the rolls are rolled out, they are adhered by using a gas torch to heat weld the overlapping areas of the rolls together and also to stick the rolls onto the substrate. The rolls should overlap each other by 75mm and join onto the next roll.

Water ponding can commence immediately after the laps, joints, details, terminations, etc are inspected.

HEALTH & SAFETY

As open flames are used during application, care has to be taken not to cause fires to the building. Remove all flammable materials from the area worked in and keep a fire extinguisher nearby.

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Place Product
Sample Here

Revision A

All data given and statements and recommendations made herein are base upon our research and experience and are believed to be accurate. However, no guarantee of their accuracy is made or applied. This data specification supersedes all other issues.