

FORMCEAL P3PL/A

TORCHED-ON WATERPROOFING MEMBRANE

DATA SPECIFICATION SHEET

DESCRIPTION

Formceal P3PL/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 P3PL/A membrane is finished with coloured aggregate chips making it suitable for exposed roof waterproofing installation.

WHAT IS THE DIFFERENCE BETWEEN THE TWO?

Formceal P3PL must be concealed with tiles, gravel or a layer of concrete for maximum durability.

Formceal P3PL/A has an aggregate chip surface that improves weather resistance of the product, allowing it to be used in exposed situations.

AREAS OF USAGE

- Roof
- Gutters
- Decks and Patios
- Driveways
- Bridges and viaducts

PRODUCT SPECIFICATION

TYPE: Formceal P3PL/A is a reinforced, modified bitumen based waterproofing membrane with coloured chips for exposed application.

ROLL SIZE	: 10m long x 1m wide
PACKING SIZE	: Available as individual rolls or in pallets
NOMINAL WEIGHT	: 5 kg/m ²
DIMENSIONAL STABILITY (ASTM D1204)	: $\leq \pm 0.4\%$
RESISTANCE TO PUNCTURE (ASTM E154)	: ≥ 100 kgf
WATER ABSORPTION (SS 374)	: $\leq 0.1\%$
PLIABILITY (SS 374)	: No surface rupture
RESISTANCE TO HYDROSTATIC PRESSURE (SS 374)	: No visible penetration @ 3 bars
TENSILE SHEAR AT JOINTS (SS 374)	: No failure at joints
WATER VAPOUR TRANSMISSION (ASTM E96)	: ≤ 0.3 g/m ² /hrs
RESISTANCE TO LEAKAGE AT JOINTS (SS 374)	: No leakage
TENSILE STRENGTH (ASTM D412)	: ≥ 5.0 N/mm ²
ELONGATION (ASTM D412)	: $\geq 50\%$
PUNCTURE RESISTANCE (ASTM E154)	: ≥ 900 N

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

Read the product label and Safety Data Sheet (SDS) before use. Users should acquaint themselves with all risk and safety phrases.

Place Product
Sample Here

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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.