

POLYTHANE P 10

Liquid applied waterproofing and protective coating

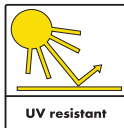
Hybrid Polyurethane modified with specially selected polymers to form a tough, flexible and durable coating for concrete structures.

CHARACTERISTICS

- ▶ Forms a highly elastomeric, tough and resilient membrane.
- ▶ Environmentally friendly. Low VOC
- ▶ Coal tar free.
- ▶ Single component. Easy to apply.
- ▶ High tensile strength & elongation
- ▶ Excellent crack bridging properties.
- ▶ Excellent UV resistance, weatherability & color retention properties
- ▶ Excellent resistance to water and vapour.
- ▶ High resistance against chlorides, sulphates, bacteria, oil and common fuels.



waterproofing



UV resistant



crack bridging

DESCRIPTION

Polythane P 10 is a liquid applied waterproofing and protective coating for concrete structures based on a hybrid Polyurethane. The Polyurethane is modified with specially selected polymers to form a tough, flexible and durable coating. It is completely free from coal tar and other hazardous ingredients.

FIELDS OF APPLICATION

- waterproofing of wet areas like bathrooms, toilets, public showers & kitchens.
- waterproofing of roofs, terraces, balconies, domes, aluminium sandwich panels and corrugated sheets.
- protective and decorative coating on exposed concrete surfaces (both vertically and horizontally).

APPLICATION INSTRUCTIONS

Surface preparation

All the surfaces must be cleaned and made free of dust, dirt, moss, oil, grease and other loose particles. This can be achieved by grit/sand/shot blasting. As a minimum, vigorous wire brushing should be employed. All pin holes and surface defects shall be repaired with a suitable Polycrete* concrete repair mortar.



Priming

Polythane P 10 does not require priming and can directly be applied onto the concrete surface. In case of highly porous surface, a priming coat is recommended to seal the pores and stabilize the surface. The primer coat can be produced on site by diluting Polythane P 10 1 to 1 with water. Apply the primer coat @ 5m²/L and allow to dry.

Mixing

Polythane P 10 is a single component product but mix the contents of the pail thoroughly prior to application to remove any sediment. A slow speed drill and suitable paddle mixer shall be used to avoid the formation of air bubbles.

Application

The coating can be applied with a brush, roller or airless spray and shall be applied in a minimum of 2 coats. The 1st coat shall be allowed to dry completely before the 2nd coat is applied. The 2nd coat shall be applied cross wise to the first coat.

The coating will achieve its full strength after a curing period of 7 days.

Corner detailing

It is recommended to reinforced all corners with glass fibre mesh sealing strip. The sealing strip shall be embedded

