



CL – KOTE 88 PRO

HIGH PERFORMANCE WATER BASED POLYURETHANE
ELASTOMERIC WATERPROOFING MEMBRANE COATING
(reinforced with micro-fibres)

DESCRIPTION

CL-KOTE 88 PRO is a cold applied single component modified polyurethane elastomeric waterproofing system integrated with micro-fibres reinforcement. With the integration of micro-fibres, it enhances the tensile properties of the coating and bonds firmly on to the substrate to form a continuous seam-free, tough, elastic, UV resistance and coloured membrane for waterproofing of roofs and balconies as well as various exposed and non-exposed areas. CL-Kote 88 PRO can be applied on concrete, fibrous cement sheet, concrete block, cement render, timber, GRC and metal except aluminum.

FEATURES

- UV resistance.
- Eco-friendly with low VOC.
- No hazardous or toxic substance.
- Easy to use. Mixing and dilution are not required.
- Able to absorb expansion and shrinkage movement without cracking.
- Excellent adhesion with no spread of water beneath the membrane.
- Seamless waterproofing membrane with no laps, joints.
- Can be overlaid with cement screed for non-exposed areas.

TECHNICAL INFORMATION

Elongation at Break (ASTM D412:2006) : > 300%
Tensile Strength (ASTM D412:2006) : > 3N/mm²
Adhesion to Concrete (ASTM D4541:2009) : > 0.8N/mm²
Crack Bridging (ASTM C836:2005) : No crack at 2 mm width
Water Penetration (DIN 1048:Part 5:1991) : No water penetration
@ 0.2kg/cm² for 12hr

SURFACE PREPARATION

Surface to be waterproofed must be sound, clean - free of dirt, dust, grease, oil, wax, curing compounds and other contaminants. All joints should be sealed with suitable flow modulus of walls, floors and wet areas including high performance and paintable joint sealant. All cracks or holes should be repaired with cement mortar or CL-Rapid Repair. Allowed at least 14 days for cement mortar to cure prior application of CL-Kote 88 PRO.

PRIMER APPLICATION

For mineral wall substrate, dilute CL-Kote 88PRO with water at 30% to 50% depending on substrate porosity and apply as primer at the rate of 0.15 – 0.2kg per m² prior proceeding with CL-Kote 88PRO. Coverage will vary according to surface profile and porosity of the substrate.

Alternatively, CL-Pruf 503 is recommended to be used as primer which can further enhances the bonding of the coating to overcome bubbling problem especially for roof top application. Damp the substrate and apply at the rate of 1.0kg/m² and leave it to dry for at least 8 hours prior membrane application.

For iron metal substrate, it is recommended to use CL-Red Oxide Primer for anti-rust protection. Apply at the rate of 0.1 – 0.13 litre/m² by brush or roller. Allow it to dry completely for at least 8 hours prior membrane application.

APPLICATION

Apply one coat of CL-Kote 88 PRO by brush or roller. Allow to thoroughly dry for a minimum of 8 hours before proceeding with further application. Overnight drying may be necessary in cooler or adverse conditions. Apply second coat of CL-Kote 88 PRO and allow to dry. Apply additional coats of CL-Kote 88 PRO membrane if further build-up is required. CL-Kote 88 PRO must be allowed to dry completely prior further application. Insufficient of drying will cause re-emulsification problem when contact with water.

COVERAGE

- Horizontal substrate: ~ 1.0 kg/m²/coat @ 2 coats
- Vertical substrate: ~ 0.6 kg/m²/coat @ 2 coats

COLOUR

Light grey, dark grey and white. Other colours are available upon request.

TOOLS CLEANING

Wash with water immediately after use. Use xylene for partially cured residue.

SHELF LIFE

2 years in an unopened container, stored in cool and dry place.

PACKING

Available in 20kg pail.

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Disclaimer: Specification are subject to change without notification.

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