

LANKO



Bituminous Emulsion

DESCRIPTION

Ready-to-use liquid acrylic modified SBS-bitumen emulsion self-cured to a seamless film.

Lanko K10 Bituminous Emulsion does not contain organic solvents which reduce the quality and properties of liquid membranes.

In contrast to other emulsions, the drying process of Lanko K10 Bituminous Emulsion starts after a short period of time and begins at the base. This ensures a fast formulation of a seamless film growing from underneath to the surface and a thorough curing of the material.

USES

Positive waterproofing to:

Showers

Pools

Restaurants

Hotels

Planters

Retaining Walls

Balconies

Sewage

Other Uses:-

As a liquid mastic to seal cracks and joints.

As a primer to seal damp surface before laying bituminous sheet.

ADVANTAGES

Resistant to concrete aggressive substances.

Maintains flexibility even at low temperatures.

Water based, non-toxic, non-flammable.

Adhere to damp & dry conditions.

Acrylic Modified Bitumen Emulsion

TECHNICAL DATA

Form	Plastic Consistency
Colour	Black
Solid Content	~ 70%
Flash Point	> 100°C
Specific Gravity	Approx. 1.1g/ml
Flexibility (Bending over a radius of 15mm) (DIN 52123 Part 1)	Passed
Crack Bridging	up to 2.5mm
Elongation At Break (ASTM D412)	>300%
Adhesion To Concrete	>2.4N/mm ²
Hydrostatic Test (7 bars 24 hrs) (DIN 1048)	Passed

Water Absorption (ASTM D570-81) <1%

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.



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APPLICATION

All substrates must be sound, free from voids, cracks, free of all laitance, oil, grease, curing agents or other contaminants.

Apply Lanko K10 Bituminous Emulsion directly from the can, it is recommended to pre-stir the material in the can prior to application.

Use a strong cement brush, roller or trowel and work the 1st coat onto the substrate with a little stiffing action.

Apply a 2nd coat after the 1st coat has set (touch dry test with moistened finger).

Apply a 2nd coat in a perpendicular direction to the 1st coat to ensure even thickness.

If a trowel application is adopted, only one single layer is necessary and a 2nd coat is optional.

Weak joints or edges can be reinforced by incorporating a layer of fabric during the application of the 2nd coat.

If an accumulation of moisture is present in the substrate, protect with a layer of Lanko K11 Waterproofing System before applying Lanko K10 Bituminous Emulsion to prevent formation of blisters.

PONDING TESTS

Ponding Tests should be carried out at least 48 hours after the final application of Lanko K10 Bituminous Emulsion to allow the material to cure sufficiently.

PROTECTION

The final application of Lanko K10 Bituminous Emulsion should be protected from mechanical damage using suitable protection boards and/or backfilling.

COVERAGE

GROUND MOISTURE
1.0 KG/m² total

HYDROSTATIC PRESSURE
2.0 KG/m² total

PACKAGING

Packed in 20 kg pail.

SHELF LIFE

Up to 12 months in an unopened container.
Store in a cool dry place.

HEALTH & SAFETY

In case of eye splashes or excessive skin contact, thoroughly flush with clean water. If ill effects occur, seek medical attention immediately.



Disclaimer: The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect useage. Specifications are subjected to changes without prior notice.

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