Nexus 300 Sealanex

TECHNICAL DATA SHEET

DESCRIPTION

Nexus 300 Sealanex is an acrylic modified co-polymer emulsion developed to provide a barrier to the ingress of urine and water-dispersible liquids into concrete surfaces.
SEALANEX 300 is quick-drying and modified with selected biocides and antifungal additives to counter microbial and fungal degradation. **SEALANEX 300** is suitable for sealing prepared concrete and surfaces previously "cured" with an acrylic membrane. It is also compatible with selected products from the **NEXUS** range of flooring adhesives*.

USES - Hospitality and Healthcare.

Suitable for use under open weave carpet or commercial carpet tiles in nursing homes, hospitals, community centres or anywhere urine and liquid spills may penetrate absorbent concrete surfaces.
As **SEALANEX 300** can also be used as a curing compound, it should be specified for use in both new & refurbished constructions. **SEALANEX 300** can be spray, roller or brush applied.

ADVANTAGES

Specifically designed penetrating qualities.
Provides high water retention and is solvent free.
User friendly and environmentally responsible.
Provides hard and durable film formation within 60 minutes depending on drying conditions.
Seals and Protects concrete surfaces by offering excellent resistance to penetrants.
Excellent resistance to yellowing, chalking and UV light.

TO SPECIFY

The finished concrete surface shall be cured with **SEALANEX 300** suitable for application by brush, roller or spray. The compound shall be applied in one coat at a coverage rate not greater than 5m²/L in accordance with the manufacturer's specifications. Prior to installation of flooring, apply additional two coats at 10m²/L to provide a bio-hazard barrier.

APPLICATION

Prior to application all surfaces must be clean, dry and free from all loose materials or contaminants such as cement dust, plaster, paint, oil, grease etc.
For optimum results all aged floors are to be pressure washed 24 hours prior to application to remove trade contaminants. Heavily contaminated floors may require captive shot blasting.
Seal all pinholes in the concrete surface using a concrete based patching compound.
Apply with non atomised spray, medium nap roller, brush or soft bristle broom.
Apply 2 coats in cross direction to each other at a total application rate of approximately 10m² per Litre. Allow material to dry clear between coats.

STANDARDS

BS3900 Part G6 – Resistant to 9 listed organisms.
ASTM D1308-02 – 6.1.15 – Urine Resistance
ASTM D5590-00 – Fungal Defacement
Bond In Tension (AS/NZS 1580.408.5 94) 1.5 - 2.5 MPa
AS 3799 - Water Retention 80 to 85%

Note: Always carry out your own test to confirm suitability of this product with your application. Additional information on physical properties, health hazards, storage, handling and transport is available in the Material Safety Data Sheet (MSDS), available on request.

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