



MAGIK VB 95®

(UL CLASSIFIED Vapour Barrier Coating)

Description

MAGIK VB 95 is an UL Classified, anti-fungal, low VOC, water based, fire retardant, high solid vapor barrier coating for Duct Insulation. MAGIK VB 95 is flexible, washable, tough, abrasionresistant and has low odor. MAGIK VB 95 has excellent waterresistance and low water permeance. MAGIK VB 95 can be used in high humid environment and greatly retards water vapor permeation. MAGIK VB 95 is specially formulated for both indoor and outdoor applications.

- Zero Flame spread and Smoke developed
- Excellent Adhesion and High Strength
- Mold and Fungus resistant
- Washable and Water Resistant
- Compatible with Polystyrene Foam Insulation
- Compatible with Polyurethane Foam Insulation
- Non Toxic and Non Flammable
- Highly Solid and Weather-Proof
- UV Resistant
- Antibacterial
- Doesn't get discolored with age

Recommended Applications

MAGIK VB 95 is used for outdoors as well as indoors-thermal insulation material on metal duct, in areas where high humidity and elevated temperature are major problems. MAGIK VB 95 is idealfor sealing ASJ, FRK and FSK jackets and board facings at joints, laps over staple and weld pin puncture. MAGIK VB 95 acts as an excellent duct closure sealant. MAGIK VB 95 may also be used over finishing cement or dry concrete.

Specific Technical Data

Properties	Result
Colour	White
Physical form	Thixotropic Paste
Specific Gravity	1.40±0.10 kg/ltr
Solids Content	72±2 %
Viscosity	55000-70000 cps
Water Vapour Permeance	0.009 perms at 1.10 mm dry film thickness
Flash Point	No Flash to >150°C
VOC Content	Meets requirements for LEED IEQ 4.2, Low Emitting Materials, Paints & Coatings. VOC <12 g/ltr
Bonding Time	30 Minutes (30C DBT,60% RH)
Drying Time	Touch Dry 2 Hours & Hard Dry 15 to 17 Hours
Service Temperature	-30°C to 110°C (Temperature at coated surface)
Coverage Range	1.2 to 1.5 m ² /Kg (With Three Coats)
UV Resistance	Excellent
Fungi Resistance	Excellent
Application	Brush or spray



Conforms To

- Under Writers Laboratory (UL 723)
- Military Spec. MIL-A-3316C, Class 1, Grade A
- LEED IEQ 4.2, Low Emitting Materials, Paints & Coatings (VOC <50 g/ltr)
- SCAQMD Rule 1168 & 40 CFR 59
- NFPA 90A and 90B 25/50
- DCL Approved
- Free of asbestos, lead and mercury compounds

Surface Preparation

The surface should be structurally sound, clean, dry, leveled and free from dust, curing compounds, grease and other loose debris. Keep container closed when not in use.

Application Procedure

Apply MAGIK VB 95 @1.2 - 1.5 m²/Kg (subject to surface condition). It is very important to ensure that each coat of MAGIK VB 95 is totally cured before the next coat is applied. The dry film thickness will vary with fabric selected.

Use clean paint brushes which are suitable for water based paints. Apply with full brush and spread out evenly.

Packaging

25 kg Plastic Pail

Storage

12 months from date of manufacturing in original unopened containers. Store product (10°C - 40°C) for maximum storage life. Higher temperatures reduce normal storage life. Lower temperatures may cause increased viscosity of a temporary nature. Rotate stock on a "first in-first out" basis.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Cleaning

Clean tools immediately after use with water or white spirit if the material has dried.

Immediately remove any adhesive from the surface of the floor covering with a damp cloth.

Health & Safety

Consult Material Safety Data Sheet and container label for further information.

For professional use only. Keep out of reach of children.

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