



FEVICOL AC DUCT KING LAG COATING E-84

Description

Fevicol AC Duct King Lag Coating E-84 is a white tough fire resistive coating for thermal insulations. When used as an indoor coating for thermal insulations it gives brilliant white finish which will not discolour or yellow with age.

Usages:

Fevicol AC Duct King Lag Coating E-84 is used as a lagging and lap adhesive to stick glass cloth, canvas and brattice cloth to many insulated surfaces, such as round and rectangular duct work.

Advantages

- Excellent coverage and Uniform coating
- Non-flammable in wet state.
- Fire resistant after drying.
- Contains no solvents to attack insulating material.
- Non-sag viscosity permits overhead and vertical application.
- High bond strength and low water vapour permeability.

Certified

- DCL certified
- UL certified for surface burning characteristics (UL 723)
- Flammability resistance according to ASTM 4804.
- ISO 9001-2008 company.

Fevicol AC Duct King Lag Coating E-84 is produced under the classification and follow-up services of Underwriter's Laboratories Inc

Fevicol AC Duct King Lag Coating E-84 does not contain lead, asbestos, mercury or mercury compounds.

Fevicol AC Duct King Lag Coating E-84 meets NFPA 90 A /90B 25/50 requirements.

Fevicol AC Duct King Lag Coating E-84 Meets VOC compliance of LEED 4.2 – low emitting materials paint and coatings. VOC – 15 g/l less water and exempted solvents.

Colour : White

Application Consistency: Brush/ Roller

Average Weight (ASTM D 1475) 10.05 lbs/U.S. gal 1.20 ±0.1 Kg/litre

Average Non-volatile (ASTM D 1644) 51% ± 1 by weight

Drying time (ASTM D 1640)

Set to touch: 2 hrs

Dry to touch: 15 hrs

Coverage Range (PIL test)

0.71 metric perms at 1.4 mm dry film thickness

Coverage Range (PIL test)

(Subject to type of surface and nature of material being bonded). Wet coverage shown below is for two coat applications. First coat on Aluminium facing of fibre glass & second coat on Canvas clothing.

1.0 to 1.7 m²/l (for single coats)

Service Temperature limits (Temperature of coated surface) -18°C to 82°C (00 F to 180°F)

Surface Burning Characteristic (UL 723)

Applied to Inorganic Reinforced Cement Board.

Flame Spread = 05

Smoke Development = 10

Tested as applied at a coverage of 40 sq ft per gal

Water Vapor permeance (ASTM E-96) 0.71 metric perms at 1.4 mm dry film thickness.

Wet Flammability (ASTM D 3278) No flashing to boiling (100°C, 212°F)

Flammability Characteristics (ASTM 4804)

Duration of flaming time after first impingement - **0.2 sec**
 Whether specimen burns up to the **125 mm** mark- **No**

Application Guide

Fevicol AC duct king lag coating E-84 is normally applied by brush

Surface Preparation

Surface to be bonded should be dry, clean and free from oil or grease.
 Do not thin material and keep container closed when not in use.

Application

By Brush/roller

- Apply prime coat of lag coating E-84 on duct surface.
- Immediately imbed the lagging fabric into wet coating. Smooth to remove air bubbles and wrinkles.
- Immediately apply final coat. The dry film thickness will vary depending upon the type of fabric used.
- Application rate: 1.0 to 1.7 m²/l (for single coat)

Fevicol AC Duct King Lag Coating E-84 is compatible with polystyrene and PU foam insulations.

Brush

Use clean paint brushes suitable for water-based paints.

Clean-up

Use water to clean brush and other equipment before the adhesive dries out.
 Dry product can be removed with hot soapy water, chlorinated solvents or mineral spirits.

Storage

Store under dry conditions away from heat and direct sunlight.

Shelf Life

Best before 24 months from the date of manufacturing in original sealed container.

Limitations:

- Store and apply between 4°C to 38°C. Protect from freezing until dry.
- Always test foil and paper facing for acceptable adhesion before using.
- If relative humidity levels are above 75% for continuous period or if used on chilled water piping, additional vapour barrier protection is suggested.



Adhesives



IMPORTANT : We recommend that before using our product, customers make their own test to determine the suitability of the product for their own purpose under their operating conditions. As the circumstances under which our product is stored, handled and used are beyond our control, we cannot assume any responsibility for their use by the customer. Specifications are subject to change. Current specifications are available with HO Marketing and can be provided on request. Consult Material Safety Data Sheet and Container label for further information.