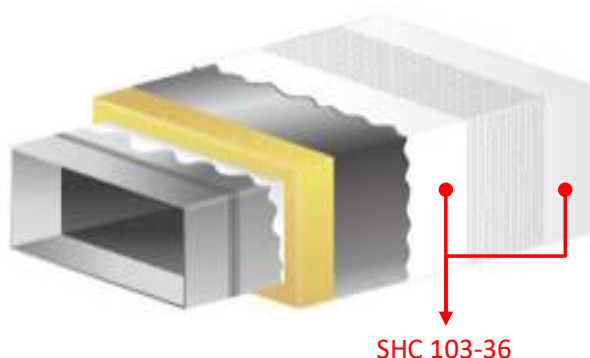


SHC 103-36

LAGGING ADHESIVE COATING



MAIN APPLICATION

- ◇ Protective finish for insulation on duct and chilled water pipe
- ◇ Lagging adhesive for duct system
- ◇ Compatibility with polystyrene, mineral wool and polyurethane foam

SHC 103-36 is a white, fire resistive, tough indoor coating for thermal insulation.

COLOR

White

APPLICATION TOOL

Brush, Spray

AVERAGE WEIGHT / LITER (ASTM D 1475)

1.25 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

40% ±1.9 by volume

51% ±2.4 by weight

COVERAGE RANGE (SHTM 13)

(Subject to type of surface and nature of material being coated)

1.3 kg/m²

Wet Film Thickness: 1.0 mm

Dry Film Thickness: 0.4 mm

DRYING TIME (25°C 50%RH) (ASTM D 1640)

Set To Touch: 2 hours

Dry Through: 15 hours

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)

-18°C ~ 82°C

WATER VAPOR PERMEANCE (ASTM E 96)

1.3 perms @ 0.8mm DFT

WET FLAMMABILITY

No Flash Point in wet state

SURFACE BURNING CHARACTERISTICS (ASTM E 84)

Class 1 or A

VOCs (US EPA Method 24)

<15 g/L

REMARKS

Store and apply between 4°C and 38°C.

Contains no asbestos, lead, mercury or mercury compounds.

Protect from freezing until dry.



SHC 103-36

LAGGING ADHESIVE COATING

Preparation for application

- Do not thin product.
- Shake the container or stir well to be homogenous quality before use. As an excessive stirring may produce much of air bubbles which reduces workability and causes cracking after drying, stir slowly.
- Apply only to clean, dry, oil-free surfaces.
- Keep the container of product firmly closed in times of not in use to prevent evaporation of moisture and surface skinning.
- Always store products above 0 degree C.

Application Method

- Apply SHC 103-36 as first coat at a thickness of 0.5mm in wet, which is equivalent to 1.3kg/m².
- Before set-to touch drying after first coating, embed Reinforcing Membrane or Glass cloth fully into the first coat for complete contact. Smooth the reinforcing membrane not to be folded and overlap all edges of membrane at least 50mm.
- After reinforcement work, apply finish (secondary) coat at a thickness of 0.5mm in wet.
- This application provides the dried finish thickness of 0.4mm.
- Avoid repeated back and forth painting.
- As rough or porous surfaces require more products, higher built thickness is recommended.

Tools

Brush

- Use the paint-brush which is suitable for water-base paints.
- Be mindful to have uniform thickness using the tools.

Spray

- for the right choice of spray equipment, consult equipment supplier in advance. only the corrosion resistant pumps are allowed.

Clean up

- As dried product is too difficult to remove, use warm water to clean them before drying.
- After dried, use mineral spirits or chlorinated solvent, once cured, employ strong solvent like xylene to clean the equipment.

SHTM : SAM HWA TEST METHOD

Sam Hwa Chemicals Co., Ltd.

71-17, Cheonjeong 2-gil, Mokcheon-eup, Dongnam-gu, Cheonan-si, Chungnam, Korea T: +82-2-517-6847 E: sales@shckorea.com / www.shckorea.com

The warranted shelf life is one year from date of shipment.

180801