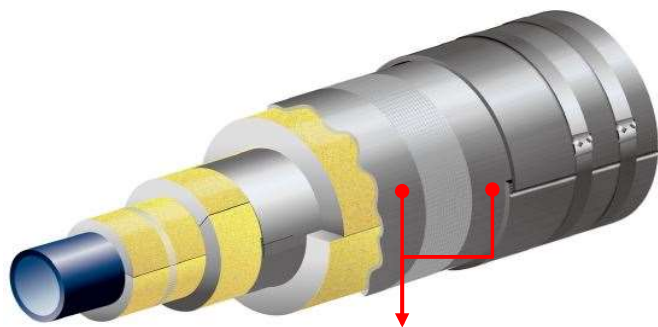


SHC 104-75

F.R. ALUMINUM MASTIC



SHC 104-75

MAIN APPLICATION

- ◇ Fire-resistive vapor barrier
- ◇ Outstanding weather-resistant
- ◇ Excellent resistance to acids, alkalis and aliphatic solvents

SHC 104-75 is a weather proof vapor barrier designed to protect insulation systems applied to equipment operating below ambient temperatures.

COLOR

Aluminum

APPLICATION TOOL

Trowel, Glove

AVERAGE WEIGHT / LITER (ASTM D 1475)

1.23 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

39% ±1.8 by volume

57% ±2.7 by weight

COVERAGE RANGE (SHTM 13)

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

3.8 kg/m²

Wet Film Thickness: 3.1 mm

Dry Film Thickness: 1.2 mm

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

Set To Touch: 4 hours

Dry Through: 72 hours

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)

-40°C ~ 80°C

WATER VAPOR PERMEANCE (ASTM E 96)

0.02 perms @ 1.2mm DFT

WET FLAMMABILITY (ASTM D 3278)

Flash Point : ≥42°C

SURFACE BURNING CHARACTERISTICS (ASTM E 84)

Class 1 or A

REMARKS

Store and apply between 4°C and 38°C.

Contains no asbestos, lead, mercury or mercury compounds.

Always test plastic materials for compatibility when using a solvent base product.



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Preparation for application

- Do not thin product.
- 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 solvent and surface skinning.

Application Method

- Apply SHC 104-75 as first coat at a thickness of 1.55mm in wet, which is equivalent to 3.8kg/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 1.55mm in wet.
- This application provides the dried finish thickness of 1.2mm.
- As rough or porous surfaces require more products, higher built thickness is recommended.

Tools

- Use clean trowel or rubber gloves.
- Be mindful to have uniform thickness using the tools.

Clean up

- As dried product is too difficult to remove, 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

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