

SHC 103-00

VINYL MASTIC



MAIN APPLICATION

- ◇ Polyvinyl emulsion mastic
- ◇ Excellent resistance to acid and alkaline
- ◇ Water proof with excellent durability

SHC 103-00 is a polyvinyl emulsion type mastic for most thermal insulations.

COLOR

Light Gray

APPLICATION TOOL

Trowel

AVERAGE WEIGHT / LITER (ASTM D 1475)

1.38 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

39% ±1.8 by volume

56% ±2.6 by weight

COVERAGE RANGE (SHTM 13)

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

10.6 kg/m²

Wet Film Thickness: 7.7 mm

Dry Film Thickness: 3.0 mm

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

Set To Touch: 4~5 hours

Dry Through: 24~36 hours

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)

-29°C ~ 91°C

WATER VAPOR PERMEANCE (ASTM E 96)

1.0 perms @ 3.0mm DFT

WET FLAMMABILITY

No Flash Point in wet state

VOCs (US EPA Method 24)

<20 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.



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Preparation for application

- Do not thin product.
- By employing hands rub products like kneading dough Before use As water may appear On the surface because of the pulp in it.
- 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 103-00 as first coat at a thickness of 3.85mm in wet, which is equivalent to 10.6kg/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 3.85mm in wet.
 - This application provides the dried finish thickness of 3.0mm.
 - As rough or porous surfaces require more products, higher built thickness is recommended.
 - In case another coating is required over the applied mastics, it should be done after complete drying. All of circumstances at the time of application must be considered because the drying time may vary according to the temperature.
- It is strongly recommended to make sure the products meet the requirement before application.

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, 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.