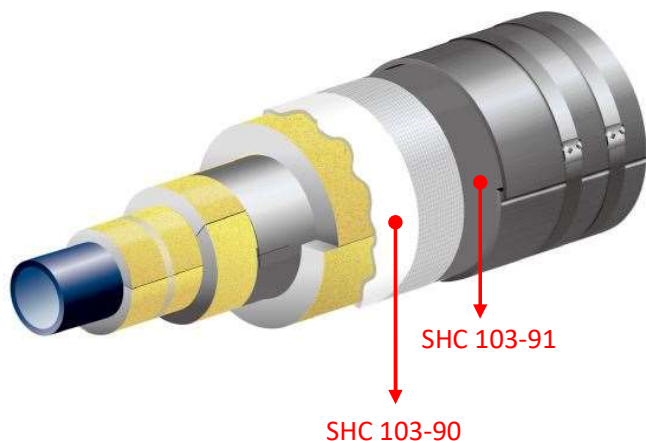


SHC 103-90/91

WB VAPOR BARRIER MASTIC



MAIN APPLICATION

- ◇ Vapor barrier mastic for most thermal insulation including polystyrene foam
- ◇ Used over concrete, finishing cement and any kind of metals
- ◇ Non-flammable in wet
- ◇ Compatible with polystyrene foam
- ◇ Suitable for indoor and outdoor use

SHC 103-90/91 is a fire resistive, flexible vapor barrier for most types of thermal insulation.

COLOR

103-90 : White
103-91 : Gray

APPLICATION TOOL

Trowel, Glove

AVERAGE WEIGHT / LITER (ASTM D 1475)

1.38 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

59% ±2.8 by volume
71% ±3.3 by weight

COVERAGE RANGE (SHTM 13)

(Subject to type of surface and nature of material being coated)
3.3 kg/m²
Wet Film Thickness: 2.4 mm
Dry Film Thickness: 1.4 mm

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

Set To Touch: 4 hours
Dry Through: 24 hours

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)
-29°C ~ 82°C

WATER VAPOR PERMEANCE (ASTM E 96 - PROCEDURE E)

0.013 perms @ 1.9mm DFT

WET FLAMMABILITY

No Flash Point in wet state

SURFACE BURNING CHARACTERISTICS (ASTM E 84)

Class 1 or A

VOCs (US EPA Method 24)

<36 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 103-90/91

WB VAPOR BARRIER MASTIC

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 moisture and surface skinning.
- Always store products above 0 degree C.

Application Method

- Apply SHC 103-90/91 as first coat at a thickness of 1.2mm in wet, which is equivalent to 3.3kg/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 1.2mm in wet.
- This application provides the dried finish thickness of 1.4mm.
- As rough or porous surfaces require more products, higher built thickness is recommended. Particularly foam glass does it more than others.
- Be mindful not to apply too much quantity of product in a single stroke which can affect drying time.

Tools

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

Clean up

- Warm soap water can clean the products in wet.
- After dried, use mineral spirits or chlorinated solvent, once cured, employ strong solvent like xylene to clean the equipment.