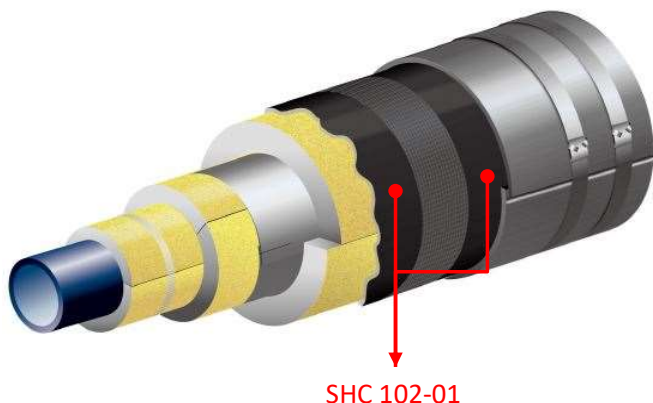


# SHC 102-01

F.R. C.I. MASTIC



## MAIN APPLICATION

- ◇ Vapor barrier mastic
- ◇ Fire retardant mastic
- ◇ For low temperature insulation

SHC 102-01 is a fire-retarded asphalt based mastic for cold insulation.

### COLOR

Black

### APPLICATION TOOL

Trowel

### AVERAGE WEIGHT / LITER (ASTM D 1475)

1.15 ±0.05 kg/Liter

### AVERAGE NON-VOLATILE (ASTM D 2369)

69% ±3.2 by volume

80% ±3.8 by weight

### COVERAGE RANGE (SHTM 13)

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

5.0 kg/m<sup>2</sup>

Wet Film Thickness: 4.3 mm

Dry Film Thickness: 3.0 mm

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

Set To Touch: 6~8 hours

Dry Through: 6 days

### SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)

-40°C ~ 93°C

### WATER VAPOR PERMEANCE (ASTM E 96)

0.02 perms @ 3.2mm DFT

### WET FLAMMABILITY (ASTM D 3278)

Flash Point : ≥60°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.

Do not apply on polystyrene foam.

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

SHTM : SAM HWA TEST METHOD

Sam Hwa Chemicals Co., Ltd.

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

210503



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F.R. C.I. MASTIC

## Preparation for application

- Do not thin product.
- Storing asphalt-base product at room temperature before applying enhances workability.  
On the contrary, low temperature may drop 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 solvent and surface skinning.

## Application Method

- Apply SHC 102-01 as first coat at a thickness of 2.15mm in wet, which is equivalent to 5.0kg/m<sup>2</sup>.
  - 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 2.15mm 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.
- 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.

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