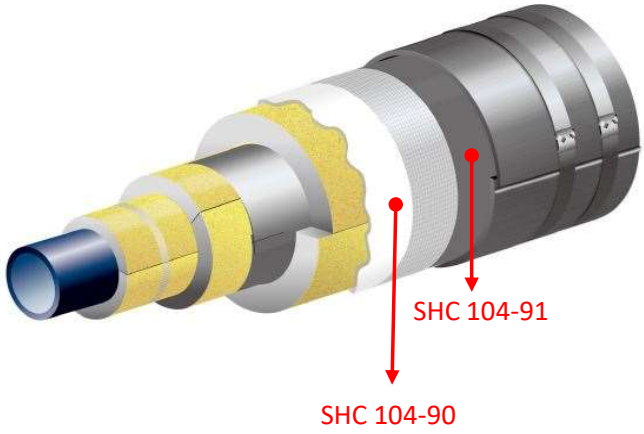
SHC 104-90/91

PRIMARY MASTIC



MAIN APPLICATION

- ◇ Ideal finish for cold insulation including cellular glass, PIR
- ◇ Tough, flexible, fire resistant elastomeric finish
- ◇ Excellent vapor barrier
- ◇ Outdoor use with good color retention, chemical and UV resistance

SHC 104-90/91 is a chlorosulfonated polyethylene(CSPE) rubber based mastic.

COLOR
104-90 : White
104-91 : Gray

APPLICATION TOOL
Trowel, Rubber glove

AVERAGE WEIGHT / LITER (ASTM D 1475)
1.25 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)
42% ±2.0 by volume
60% ±2.8 by weight

COVERAGE RANGE (SHTM 13)
(Subject to type of surface and nature of material being coated)
2.6 kg/㎡
Wet Film Thickness: 2.1 ㎜
Dry Film Thickness: 0.9 ㎜

DRYING TIME (25℃ 50%RH) (ASTM D 1640)
Set To Touch: 5 hours
Dry Through: 48 hours

SERVICE TEMPERATURE LIMITS (SHTM 08)
(Temperature at coated surface)
-46℃ ~ 104℃

WATER VAPOR PERMEANCE (ASTM E 96)
0.024 perms @ 1.3㎜ DFT

WET FLAMMABILITY (ASTM D 3278)
Flash Point : ≥43℃

SURFACE BURNING CHARACTERISTICS (ASTM E 84)
Class 1 or A

REMARKS
Store and apply between 4℃ and 38℃.
Contains no asbestos, lead, mercury or mercury compounds.
Always test plastic material for compatibility when using a solvent base product.
* Chlorosulfonated polyethylene rubber is also known as Hypalon, a trademark of Dupont Performance Elastomers, which is no longer produced by Dupont.

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.
210503

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PRIMARY 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 solvent and surface skinning.

Application Method

- Apply SHC 104-90/91 as first coat at a thickness of 1.05mm in wet, which is equivalent to 2.6kg/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 1.05mm in wet.
- This application provides the dried finish thickness of 0.9mm.
- 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.

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