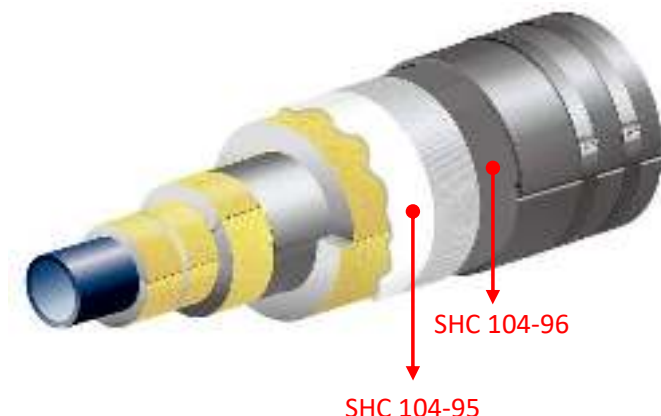


SHC 104-95/96

PRIMARY COATING



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 104-95/96 is a chlorosulfonated polyethylene(CSPE) rubber based coating.

COLOR

104-95 : White
104-96 : Gray

APPLICATION TOOL

Airless spray, Brush

AVERAGE WEIGHT / LITER (ASTM D 1475)

1.18 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

33% ±1.6 by volume
46% ±2.2 by weight

COVERAGE RANGE (SHTM 13)

(Subject to type of surface and nature of material being coated)
2.8 kg/m²
Wet Film Thickness: 2.4 mm
Dry Film Thickness: 0.8 mm

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

Set To Touch: 3 hours
Dry Through: 48 hours

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)
-46°C ~ 104°C

WATER VAPOR PERMEANCE (ASTM E 96)

0.025 perms @ 1.3mm DFT

WET FLAMMABILITY (ASTM D 3278)

Flash Point : ≥43°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 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.



SHC 104-95/96

PRIMARY COATING

Preparation for application

- Do not thin product.
- Stir well as some solvent soars up to surface from the coating products with low viscosity.
As an excessive, stirring produces lot of air bubbles which cause cracking after drying and reduce workability, stir so slowly.
- 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 104-95/96 as first coat at a thickness of 1.2mm in wet, which is equivalent to 2.8kg/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 1.2mm in wet.
- This application provides the dried finish thickness of 0.8mm.
- As rough or porous surfaces require more products, higher built thickness is recommended.

Tools

Brush

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

Spray

- For the right choice of spray equipment, consult equipment supplier in advance. Only the corrosion resistant pumps are allowed.

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.