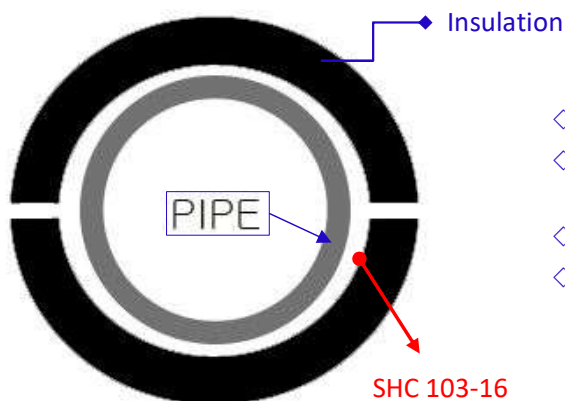


SHC 103-16

WB ANTI-ABRASION COATING



MAIN APPLICATION

- ◇ Strong adhesion strength
- ◇ Suitable for cryogenic, low, high and dual temperature
- ◇ Fire resistive
- ◇ High solid coating to reduce abrasion of insulation coming from vibration of facilities and temperature change

SHC 103-16 is a anti abrasion coating for inner surface of Cellular glass.

COLOR

White

APPLICATION TOOL

Brush

AVERAGE WEIGHT / LITER (ASTM D 1475)

1.58 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

51% ±2.4 by volume

69% ±3.2 by weight

COVERAGE RANGE (SHTM 13)

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

0.7 kg/m²

Wet Film Thickness: 0.42 mm

Dry Film Thickness: 0.21 mm

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

Set To Touch: 45~90 minutes

Dry Through: 2~3 hours

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)

-196°C ~ 120°C

WET FLAMMABILITY

No Flash Point in wet state

SURFACE BURNING CHARACTERISTICS (ASTM E 84)

Class 1 or A

VOCs (US EPA Method 24)

<15 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.
- Shake the container or stir well as some water 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 well slowly.
- Do not use breakable sticks or boards which are vulnerable to pollute 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.

Application Method

- Apply SHC 103-16 at a thickness of 0.42mm in wet to the inner surface of Cellular Glass(insulation) or bore, which is equivalent to 0.7kg/m².
- Apply once as thick as recommended.
- Avoid repeated back and forth painting.
- This application provides the dried finish thickness of 0.21mm.
- Installing Cellular Glass(insulation) is allowed after complete drying.
- 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, 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.