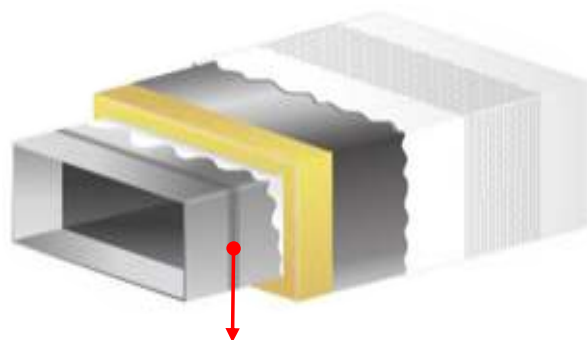


SHC 105-17

WB FIBERATED DUCT SEALANT



SHC 105-17

MAIN APPLICATION

- ◇ Fire resistive, water based duct sealant
- ◇ UV resistant, fibrated sealant
- ◇ Tough dry film
- ◇ Sealing joints, seams, and pin holes on metal air ducts

SHC 105-17 is a water based fiberated sealant for air conditioning ducts.

COLOR

Gray

APPLICATION TOOL

Brush, Trowel, Caulking Gun, Power Extrusion

AVERAGE WEIGHT/ LITER (ASTM D 1475)

1.35 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

55% ±2.6 by volume

69% ±3.2 by weight

COVERAGE RANGE (SHTM 13)

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

1.1 kg/m²

Wet Film Thickness: 0.80 mm

Dry Film Thickness: 0.44 mm

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

Set To Touch: 1 hour

Dry through: 24 hours

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)

-7°C ~ 93°C

WET FLAMMABILITY (ASTM D 3278)

No Flash Point in wet state

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.

Protect from freezing until dry.

Always test foil and paper facings for acceptable adhesion.

If used between impermeable surfaces, drying time will be extended.

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.

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SHC 105-17

WB FIBERATED DUCT SEALANT

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 105-17 at a thickness of 0.8mm in wet, which is equivalent to 1.1kg/m².
- This application provides dry film thickness of 0.44mm.
- When sealing with caulking gun, apply at a thickness of 3.2mm ~6.4mm in wet. The requirement of products may vary depend on situation.
- This application provides 1.7mm~3.5mm dried film thickness.
- As rough or porous surfaces require more products, higher built thickness is recommended.
- Apply products only over the space (seam, joint, filled gap), of which size is 1.5 mm or less.
If the gap is wider than 1.5mm, fill it with urea-form or filler and then apply.
- In case of larger than that, take care not to apply on larger one where applied product may run down through the empty space and make the thickness thin, which probably looks like appearing cracks on the surface.

Tools

- Use clean trowel, rubber gloves, and caulking- gun.
- 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.

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