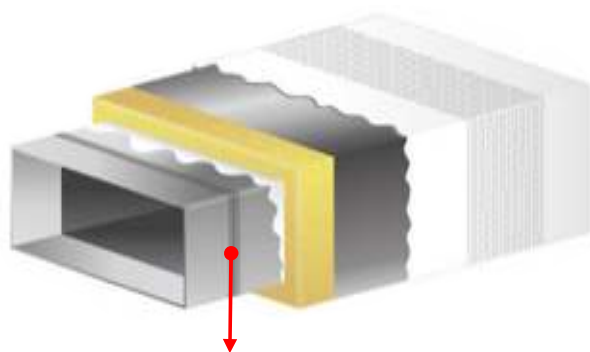


SHC 105-19

WB DUCT SEALANT



SHC 105-19

MAIN APPLICATION

- ◇ Fire resistive, water based duct sealant
- ◇ UV resistant, non-fibrated sealant
- ◇ Extremely flexible and durable seal
- ◇ Sealing joints, seams, and pin holes on metal air duct

SHC 105-19 is a good water based sealant for sealing joints and pin holes on metal duct.

COLOR

Gray

APPLICATION TOOL

Brush, Trowel, Glove, Power Extrusion, Caulking Gun

AVERAGE WEIGHT / LITER (ASTM D 1475)

1.40 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

56% ±2.6 by volume

70% ±3.3 by weight

COVERAGE RANGE (SHTM 13)

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

Trowel : 0.98 kg/m²

Wet Film Thickness: 0.7 mm

Dry Film Thickness: 0.4 mm

caulking gun : 9m/tube @6.4mm Bead

38m/tube @3.2mm Bead

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

No Flash Point in wet state

SURFACE BURNING CHARACTERISTICS

Class 1 or A (ASTM E 84)

Class 1 (BS 476)

FUNGAL GROWTH RESISTANCE (ASTM G 21)

Rating = 0, no fungal growth on surface

VOCs (US EPA Method 24)

<24 g/L

REMARKS

Store and apply between 4°C and 38°C.

Contains no asbestos, lead, mercury or mercury compounds.

Always test foil and paper facings for acceptable adhesion.

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



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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 105-19 at a thickness of 0.7mm in wet, which is equivalent to 0.98kg/m².
- This application provides dry film thickness of 0.4mm.
- 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 1.8mm~3.6mm dried film thickness.
- 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.
- Take care not to make cracks on the surface by applying products on the larger than 1.5mm gap.

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.

SHTM : SAM HWA TEST METHOD

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

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