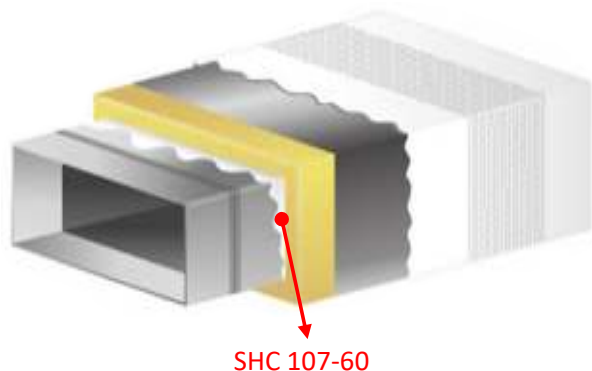


SHC 107-60

WB MULTI ADHESIVE



MAIN APPLICATION

- ◇ High tack water-based adhesive
- ◇ Bonding low density glasswool to metal
- ◇ Very low VOC synthetic elastomeric adhesive
- ◇ Fire-Resistant
- ◇ Adhesive for rubber foam insulation

SHC 107-60 is a water based adhesive for all insulation applications.

COLOR

Cream

APPLICATION TOOL

Spray, Brush, Roller

AVERAGE WEIGHT / LITER (ASTM D 1475)

1.16 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

54% ±2.5 by volume

57% ±3.0 by weight

COVERAGE RANGE (SHTM 13)

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

0.32 kg/m²

Wet Film Thickness: 0.28 mm

Dry Film Thickness: 0.15 mm

BONDING TIME RANGE(25°C, 50%RH) (SHTM 12)

(Depending upon temperature and humidity)

Contact Bond: 15 minutes ~ 2 hours

Single Surface Wet Bond: 0 ~ 15 minutes

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)

-29°C ~ 98°C

WET FLAMMABILITY

No Flash Point in wet state

SURFACE BURNING CHARACTERISTICS (ASTM E 84)

Class 1 or A

VOCs (US EPA Method 24)

<40 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.

Avoid repositioning the insulation after initial placement.

Not suggested for use with roll coating machines.

Always test plastic foam insulation for warpage when using any water base adhesive.

Not suggested for sealing vapor barrier jackets.

Overhead applications may require mechanical fasteners.

Do not use for impermeable surface.

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 107-60

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Preparation for application

- Do not thin product.
- Shake container or stir well as the product is so low viscosity that some water may appear on surface.
- 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.
- Always store products above 0 degree C.

Application Method

- Apply SHC 107-60 at a thickness of 0.28mm(0.14mm for one side) in wet on surfaces of both side, which is equivalent to 0.32kg/m².
- Longer bonding time of water-based product considered, slightly touch the applied surfaces of both side in an hour at room temperature by hand, which will make second application on sticky surface compared to one hour ago much easier for full contact. For the complete contact, be mindful that the low temperature of application prolongs cure while the high shortens.
- This application provides 0.15mm dried film thickness.
- As rough or porous surfaces require more products, higher built thickness is recommended.

Tools

- Use clean brush.
- 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.