

SHC 107-75

LAP ADHESIVE



MAIN APPLICATION

- ◇ Non-flammable adhesive
- ◇ Adhesive for impermeable surface (Contact bond)
- ◇ Adhesive for Rubber foam insulation

SHC 107-75 is a lap adhesive for secondary vapor barrier aluminum foil.

COLOR

Off-White or Black

APPLICATION CONSISTENCY

Brush

AVERAGE WEIGHT / LITER (ASTM D 1475)

1.34 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 1644)

19% ±0.9 by volume

21% ±1.0 by weight

COVERAGE RANGE (SHTM 13)

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

0.4 kg/m²

Wet Film Thickness: 0.32 mm

Dry Film Thickness: 0.06 mm

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

1 ~ 10 minutes

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)

-46°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.

Always test plastic materials for compatibility when using a solvent base product.

Do not use with flexible PVC.

Be sure to store for at least 24 hours before application.



SHC 107-75

LAP ADHESIVE

Preparation for application

- Do not thin product.
- Shake container or stir well as the product is so low viscosity that some solvent 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 oil and surface skinning.

Application Method

- Apply SHC 107-75 at a thickness of 0.32 mm in wet, which is equivalent to 0.4 kg/m².
- After applying on the both side, allow 1 minute of bonding time at room temperature and press firmly for complete contact. Be mindful that low temperature of application prolongs cure while the higher shortens.
- This application provides dry film thickness of 0.06 mm.
- As rough or porous surfaces require more products, higher built thickness is recommended

Tools

- Use clean trowel or putting knife.
- Be mindful to have uniform thickness using the tools.

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.

SHTM : SAM HWA TEST METHOD

Sam Hwa Chemicals Co., Ltd.

71-17, Cheonjeong 2-gil, Mokcheon-eup, Dongnam-gu, Cheonan-si, Chungnam, Korea T: +82-2-517-6847 E: sales@shckorea.com / www.shckorea.com

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

240110