

SHC 107-33

F.R. ADHESIVE



MAIN APPLICATION

- ◇ 1 component fire resistive adhesive
- ◇ Fabrication for low density insulation
- ◇ Thermal insulations to structural surfaces

SHC 107-33 is a superior fabrication adhesive to themselves and to all structural surfaces.

COLOR

Cream

APPLICATION TOOL

Trowel

AVERAGE WEIGHT / LITER (ASTM D 1475)

1.58 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

66% ±3.1 by volume

80% ±3.8 by weight

COVERAGE RANGE (SHTM 13)

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

2.4 kg/m²

Wet Film Thickness: 1.5 mm

Dry Film Thickness: 1.0 mm

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

2 ~ 10 minutes

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)

-59°C ~ 149°C

WET FLAMMABILITY (ASTM D 3278)

Flash Point : ≥43°C

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 material for compatibility when using a solvent base product.

Make certain this product is completely dry and the area is free from solvent odor if food is involved.

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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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.

Application Method

- Apply SHC 107-33 at a thickness of 1.5 mm in wet, which is equivalent to 2.4 kg/m².
- Allow an open time 10 minutes after application and press firmly. Be mindful for the complete contact that the lower temperature needs longer open time while the reverse dose shorter.
- This application provides dry film thickness of 1.0 mm.
- As rough or porous surfaces require more products, higher built thickness is recommended.

Tools

- Use clean brush or trowel.
- 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.

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