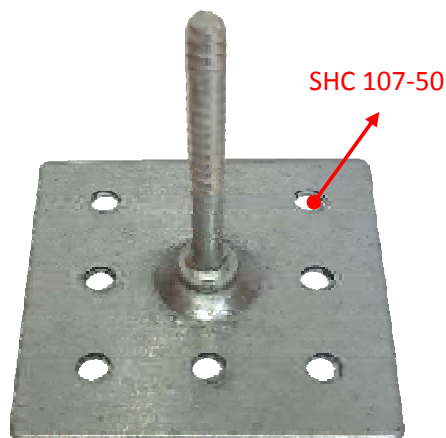


SHC 107-50

MULTI ADHESIVE



MAIN APPLICATION

- ◇ Urethan based adhesive for insulation pin or thermal insulation
- ◇ Excellent shock absorbing and strong adhesion after curing

SHC 107-50 is 2 component high tack insulation pin adhesive.

COLOR

Part A: Gray / Part B: Brown
Mixed (A&B): Black

APPLI CATION TOOL

Trowel

AVERAGE WEI GHT / LI TER (ASTM D 1475)

1.40 ± 0.05 kg/Liter ; Mixed (A&B)

AVERAGE NON-VOLATI LE (ASTM D 2369)

98% ± 4.6 by weight

COVERAGE RANGE (SHTM 13)

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

2.8 kg/m²

Wet Film Thickness: 2.0 mm

Dry Film Thickness: 2.0 mm

MIXING RATIO (by weight)

Part A : Part B = 5 : 1

POT LI FE 25°C, 50% RH (SHTM 07)

60~90 minutes

CURING TI ME(25°C, 50% RH) (SHTM 12)

Set To Touch: 6 hours

Dry Through: 20 hours

Maximum strength: 7 days

TENSI LE STRENGTH

Over 4 MPa (25°C)

SHEARI NG STRENGTH

Over 5 MPa (25°C)

SERVI CE TEMPERATURE LI MI TS (SHTM 08)

(Temperature at coated surface)

-196°C ~ 93°C

REMARKS

Store and apply between 4°C and 38°C.

Contains no asbestos, lead, mercury or mercury compounds.

Allow 24 hours curing time at 25°C minimum before placing in service.

Pot life is longer at lower temperatures, shorter at higher temperatures.

Do not heat the mixed material to above 38°C.

SHTM : SAM HWA TEST METHOD

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

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SHC 107-50

MULTI ADHESIVE

Preparation for application

- Do not thin product.
- Make sure the mixing ratio of mass of 2 component Part A(5) and Part B(1).
- Check the quantity to be applied in advance and calculate the weight of A and B. Do not mix product having 0.5~ 1 hour of pot life more than that to be applied within 1 hour limit. The excessive will turn into being cured condition which cannot be applied.
- 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

- Mix SHC 107-50 A and B well to be homogeneous. As the mixing heat occurred by excessive agitating shortens pot life and thereby causes fast curing of product, stir well so slowly.
- Apply SHC 107-50 at a thickness of 2.0 mm in wet, which is equivalent to 2.8 kg/m².
- Apply the product pressing the pin firmly to the surface of substrate for full contact.
- This application provides dry film thickness of 2.0 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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