

SHC 204-05

GYPSUM PLASTER



MAIN APPLICATION

- ◇ Fabrication adhesive for cellular glass
- ◇ Inorganic, non combustible adhesive
- ◇ Anti Abrasive product for inner surface of cellular glass
- ◇ Non combustible

SHC 204-05 is a gypsum plaster for cellular glass.

COLOR

Dark Gray

APPLICATION TOOL

Trowel, Brush

AVERAGE WEIGHT/LITER

1.13 ±0.05 kg/Liter

COVERAGE RANGE

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

2.3 kg/m²

Wet Film Thickness: 2.0mm

MELTING POINT

1450°C

SET TIME (25°C)

20 ~ 30 minutes

SERVICE TEMPERATURE LIMITS (SHTM 08)

-196 ~ 500°C

PH

Alkaline

SURFACE BURNING CHARACTERISTICS

Incombustible wet or dry

MIXING RATIO

2 : 1 (Gypsum Plaster : Water)

(Subject to change by site situation)

REMARKS

Store and apply between 4°C and 38°C.

Contains no asbestos, lead, mercury or mercury compounds.

Store in a dry area.

Cold water will delay set, hot water will accelerate set.

Set adhesive must be mechanically removed.

Gypsum plaster can be washed off when wet but cleaned by physical touch after cured.



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Preparation for application

- Confirm 2 : 1(water) mass mixing ratio in advance.
- Apply only to clean, dry, oil-free surfaces.
- Keep the container of product closed tightly in times of no use to cut off moisture which accelerates curing.
- Exhaust the balance of product as soon as possible.

Application Method

- Pour SHC 204-05 into the container so as to mix with water.
- Add water little by little and mix evenly for effective applying. Be careful not to make low viscosity product by agitating excessively, which reduces workability.
- Apply evenly on the edge of joining part on each insulation at a thickness of 2.0 mm in wet, which is equivalent to 2.3 kg/m². Press the insulation strongly so as to give the air inside gypsum plaster the way out.
- Remove the gypsum plaster come out of insulations clearly with trowel.
- As rough or porous surfaces require more products, higher built thickness is recommended.
- It is strongly recommended to follow the instructions on mixing ratio and add the least water for the applying fluency as excessive water lowers the strength of gypsum plaster.
- When expecting rain, snow or low temperature before drying, put a cover such as PE on the applied area.

Tools

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

Clean up

- Clean with water in advance as it's extremely difficult to remove fast-curing cement.
- Once dried, exercise physical power or shock to the very limit of no damage on the equipment and then wash them.