

# SHC 204-02

## FINISHING CEMENT



### MAIN APPLICATION

- ◇ Meets the requirements of ASTM C-449
- ◇ Finish material for irregular surfaces for insulation work
- ◇ Non combustible

SHC 204-02 is a finishing cement for vertical/horizontal vessel, heat exchanger, pipeline and irregular surface.

#### COLOR

Gray

#### APPLICATION TOOL

Trowel

#### DENSITY

0.60 ±0.05 kg/Liter

#### COVERAGE

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

15 kg/m<sup>2</sup>

Wet Film Thickness: 25mm

#### SERVICE TEMPERATURE LIMITS (SHTM 08)

649°C

#### LINEAR SHRINKAGE

1.6%

#### THERMAL CONDUCTIVITY (KS L 1604)

0.1 + 0.0002θ kcal/hr.m.°C

#### MIXING RATIO

1 : 1 (Finishing Cement : Water) by weight  
(Subject to change by site situation)

#### REMARKS

Store and apply between 4°C and 38°C in dry place.

Contains no asbestos, lead, mercury or mercury compounds.

Do not apply below 0°C.

Applied surface should be protected by water-proofing.



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### Preparation for application

- Confirm 1 : 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 204-02 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 SHC 204-02 as first coat at a thickness of 12.5 mm in wet, which is equivalent to 15 kg/m<sup>2</sup>.
- After first coat but before complete drying of cement, reinforce cement with Hex wire mesh. Overlap the edge of wire mesh at least 50 mm.
- After reinforcement work, apply finish (secondary) coat at a thickness of 12.5 mm in wet.
- 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 cement.
- As rough or porous surfaces require more products, higher built thickness is recommended.
- 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.