

weber.therm 320

Render for thermal insulation systems

■ Description

Cement based render for thermal insulation systems.

■ Advantages

- In conformity with ETAG 004*.
- Has high bonding strength.
- Resistant to thermal shocks.
- Has breathing feature.

■ Range of application

- Applied as substrate render on XPS, EPS mineral wool thermal insulation panels at all buildings.

■ Application substrates

- On interior and exterior walls;
 - XPS (extruded polystyrene),
 - EPS (expanded polystyrene),
 - Mineral wool,
- Please consult us for all other application substrates.

■ Performance

Bonding resistance

- Under normal conditions : > 0,08 N/mm²
- Storing in water : > 0,08 N/mm²
- Storing under heat : > 0,08 N/mm²

■ Reference standards

- Tested in accordance with EOTA (European Organization for Technical Approvals) ETAG 004*
- TS 7847.

■ Application properties

- Pot life: 3 hours,
- Application thickness: 4 mm,
- Coat thickness: Max. 2 mm,
- Time between the coats: 3-4 hours,
- Time to wait for final coat application of **weber.therm 320**: min. 7 days.

■ Conditions of application

- Ambient temperature is between +5 °C and +30 °C.
- Avoid application in very damp and/or hot weather, under the sunlight.
- It should not be used on substrates which are frozen or melting or have the risk of frost or rain within 24 hours.

■ Preparation of substrate

- The insulation panel should be clean, dry and be bonded on the lower substrate well.
- The gaps between panels should be filled with the same insulation material or foam as per the width, the protrusions to occur should be cleared to reduce the consumption of **weber.therm 320**.

■ Application

- Average 6 lt clean water and 25 kg bag **weber.therm 320** should be mixed with a low-speed mixer or trowel preferably well as there will be no pellet.
- The mortar should be aged for 10 minutes before application.
- **weber.therm 320** should be applied on the substrate via steel trowel.
- Glass-fiber mesh should be placed by pressing upward to downward and stretching, without folding and as to be at the same distance from insulation panel to the whole surface before **weber.therm 320** dries.
- To avoid cracks, glass-fiber mesh should be applied by overlapping as 10 cm at joining points.
- The glass-fiber mesh should be turned at least 20 cm in the corners and around all beams, window and door frames.
- Second hand of render application should be started after 3-4 hours.
- After the application, the surface will be ready for exterior coating.

■ Attention points

- Dilatation joints must not absolutely be covered with **weber.therm 320**, dilatation profile should be used for these parts.

■ Consumption

5 kg/m².

■ Packaging

Net 25 kg bag, (64 units in pallet, 1600 kg).

■ Pallet size

107 x 107 cm.

■ Color

Grey.

■ **Application tools**

Hand mixer, steel trowel, glass-fiber mesh.

■ **Shelf life**

1 year as of the production date in dry and moisture-free environment provided that packages will not be opened. Package should be kept tightly closed when not in use.

FOR INFO

> The stated times apply for 20 °C substrate and ambient temperature and increase at lower temperatures and decrease at high temperatures.

> **Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş.** is not responsible for the application errors arising from use of product beyond its intended purpose or failure to comply with the foregoing application conditions and advice on the product.



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