



QUICSEAL 605

Product Name

Multi-Purpose Paste

A ready-to-use, multi-purpose adhesive paste for installing ceramic tiles, mosaics, insulation or polystyrene panels, etc.

Description

QUICSEAL 605 MULTI-PURPOSE PASTE is a white-coloured adhesive paste comprising of acrylic resins, finely graded mineral fillers and specially formulated additives. When trowelled onto vertical surfaces, QUICSEAL 605 has excellent thixotropic and flexibility properties and is capable of withstanding excessive substrate movements and vibrations. The adhesive is suitable for interior bonding of tiles and mosaics on both walls and ceilings.

Uses

QUICSEAL 605 can be used to:

- Bond tiles on conventional cement-sand renders
- Bond tiles on precast or prefabricated concrete panels and walls
- Bond tiles on gypsum-plastered or prefabricated panels (eg. Gypsum or cement board walls, etc)
- Bond absorbent tiles on painted walls provided that the paint-work is firm and intact
- Bond tiles on substrates subjected to flexing and vibrations
- Install polystyrene boards, insulation panels, water-stable wood panels, etc.

Limitations

Do not use QUICSEAL 605 for:

- Bonding tiles on areas subjected to continuous immersion in water (eg. Water tanks, swimming pools, etc.) Use QUICSEAL 603 or QUICSEAL 604 TILEMIX or QUICSEAL 606 TILEFLEX
- External applications. Use QUICSEAL 606 where flexing and vibration is encountered.
- Bond large, heavy or non-absorbent tiles (eg. Natural stones). Use QUICSEAL 603 or QUICSEAL 606 (for substrates where flexing and vibration is encountered)
- Bond tiles onto metal surfaces. Use QUICSEAL 301 EPOXY MORTAR

Substrate Preparation

Substrates must be flat, solid and stable. All loose particles, oil, grease, paint, wax or any substance that may inhibit adhesion must be removed.

Extremely porous and powdery substances (eg. Gypsum or prefabricated panels, etc.) should be treated with QUICSEAL 113 before laying tiles with QUICSEAL 605.

It is advisable to allow screeds and renders to cure for at least 7 days for every centimetre thickness before installing tiles with QUICSEAL 605.

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Technical Data

Supply Form	Paste
Colour	White
S.G. of Paste	1.32 g/cm ²
PH	8 ~ 9
Dry Solids Content	80%
Mixing Ratio	No mixing required
Application Temperature	From + 5°C + 40°C
Open Time	approx. 45 ~ 50 mins
Ready for Traffic	after 24 to 48 hours
Resistance to Temperature	From - 30°C to + 90°C
Bond Strength – 7 days	1.0 MPa

Applying the Mix

To achieve good adhesion, firstly apply a thin coat of QUICSEAL 605 firmly onto the substrate using the straight edge of the trowel followed immediately with the approximate amount of adhesive to achieve a thickness not exceeding 3mm. The correct notched trowel size to use will depend on the type and size of the tiles.

Lay Tiles

Do not soak tiles before laying with QUICSEAL 605.

Lay the tiles onto the adhesive and ensure that a firm pressure is applied to achieve good contact with the adhesive.

The tiles must be adjusted within 60 minutes after laying.

Bonding Prefabricated Panels

Ceiling, prefabricated and insulation panels may be installed by either spot bonding or full bonding with QUICSEAL 605. Ensure that a firm pressure is applied to the panels to achieve good contact with the adhesive.

Grouting Tile Joints

Joints can be grouted usually 24 hours after laying the tiles.

Cleaning

All tools and hands may be cleaned with abundant water before the adhesive sets. After setting, cleaning becomes very difficult but can usually be helped by solvents.

Coverage

The approximate quantity of QUICSEAL 605 for bonding:

- Small size tiles about mosaics is 1.5 kg/m²
- Normal size tiles is 2 ~ 3 kg/m²
- Spot bonding of panels 1 ~ 2 kg/m²

The coverage is also affected by the condition of the substrate.

Packaging

QUICSEAL 605 is supplied in 5 and 20 kg pails.

Storage

12 months in a dry place in the original packaging.

Important Notes

The information set forth herein is furnished free of charge in good faith and is based on technical data that QUICSEAL considers to be reliable. This information is intended for use by persons having technical skill and at their own discretion and risk. Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of QUICSEAL products as of the date of publication of this document. QUICSEAL makes no other warranties and assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, please contact QUICSEAL.

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