



QUICSEAL 609

Product Name

Plastermix (Type II)

Description

QUICSEAL 609 PLASTERMIX (Type II) is a specially formulated acrylic latex admixture to be mixed with cement and sand to improve the quality of screeds and renders.

QUICSEAL 609 improves the cohesion and adhesion strength of screeds and renders. Once cured, the screeds and renders are resistant to water, mild chemical and weathering effects.

Uses

- Improve the water resistance and quality of screeds and renders for internal and external applications;
- Improve the cohesion and adhesion strength of screeds and renders;
- Laying tiles and natural stones with the conventional system;
- Adhesive slurries for bonding screeds and renders onto concrete, precast panels and waterproofing membranes;
- Key (splash or spatter) coat before rendering;
- Form finishing coats with cement and fine sand.

Substrate Preparation

The substrates must be clean and sound, free of dust and loose particles. All loose particles, oil, grease, paint, wax or any substance that may inhibit adhesion must be removed.

Mould release agents or curing compound which are not suitable for subsequent finishes must also be removed from substrate surfaces by using wire brush, scabblers, or other means.

Dampen the substrate but without ponding water before screeding or rendering. For very porous and powdery surfaces (e.g. lightweight blocks or prefabricated panels etc.), treat the substrate with QUICSEAL 113 PRIMER C before screeding or rendering.

Mixing

Stir QUICSEAL 609 and pour into a clean container. Add the appropriate quantity of cement and sand and mix slowly until a homogeneous consistency.

Technical Data

Supply Form	Liquid
Colour	Whitish
S.G. of Liquid	1.01 g/cm ³
pH	8 ~ 9
Mixing Ratio	Refer to Mixing Instructions

Applications

Adhesive Slurries

For screeding or rendering onto waterproofing membranes, smooth concrete or precast concrete surfaces, adhesive slurry coat should be applied to improve the adhesion of the screeds and renders to the substrate.

For adhesive slurries, the recommended mixing ratio is as follow:

QUICSEAL 609	1 part by weight
Cement	1.5 parts by weight

N.B. Do not wait for the adhesive slurry to dry. The screeds and renders must be applied when the adhesive slurry is still fresh.

Key Coats (Splash or Spatter Coats)

For rendering onto smooth concrete or precast surfaces, a key coat should be formed prior to screeding or rendering.

The recommended mixing ratio for key coat is:

QUICSEAL 609	1 part by weight
Cement	1.5 parts by weight
Sand	1.5 parts by weight

Screeds and Renders

QUICSEAL 609 is mixed into cement-sand mortars to improve the cohesion and adhesion strength as well as the quality of screeds and renders. The recommended mixing ratio for screeds and renders:

Less than 10mm thickness:

QUICSEAL 609	1 part by weight
Cement	2 parts by weight
Sand	6 parts by weight

Render coats should not exceed more than 15mm thickness per application. The second coat should be applied only when the first coat has sufficiently hardened.

N.B. The amount of diluted QUICSEAL 609 added to cement-sand is gauge until a workable mortar is obtained.

Coverage

Approx. 0.2 ~ 0.3 kg/m² of QUICSEAL 609 is required for adhesive slurries and key coats.

Approx. 0.8 ~ 1 kg/m² of QUICSEAL 609 is required for screeds and renders for every 10mm thickness.

The quantity of QUICSEAL 609 should be adjusted to workability depending on the application requirement.

Cleaning

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

Health & Safety

QUICSEAL 609 is non-toxic and non-flammable. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice. QUICSEAL 609 is slightly alkaline and skin contact should be avoided. Gloves and goggles should be worn.

Packaging

QUICSEAL 609 is supplied in 5, 20 and 200 kg drums.

Storage

12 months in a cool and ventilated 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.

Reference No. QS 609/180901

QUICSEAL CONSTRUCTION CHEMICALS PTE LTD

QUICSEAL – the professional's choice of quality products and systems for building construction