

Isocrete Polymer 70

Application Instructions

Introduction

A terpolymer modified PVA bonding agent and screed additive.

Uses

Can be used neat or diluted for priming and bonding purposes, or as an additive in screed mixes of cement and sand. In particular, it is used with Isocrete screed systems such as K-Screed, Isothin, Isogran and Screedfast.

Surface Preparation

For a bonded screed construction, totally enclosed shot blasting or scabbling.

All residues must be removed to provide a dry, dust free, open textured surface.

Ambient Conditions

Internal air and floor temperatures must exceed +5°C.

Priming

Mix one part of Isocrete Polymer 70 with 3 parts water. Apply evenly over the surface by brush.

Avoid any ponding to prevent a skin forming on drying.

For priming small areas of exposed metal, the Isocrete Polymer 70 is to be used undiluted and applied by paint brush. (Larger areas of metal, including steel tray stair treads, require Isocrete M-Bond as the bonding agent).

Allow primer to dry, typically by leaving to dry overnight. Overlaying may be possible after 3 hours in good drying conditions.

Grouting

Mix cement with diluted Isocrete Polymer 70 (1 part of Isocrete Polymer 70 with 3 parts of water) to a 'just flowing' consistency.

Brush the cement grout well onto the primed concrete surface and leave at 1-3mm thick.

The screed must be laid onto the grout while it is still wet.

Coverage

Coverage will depend on the concrete surface and application.

A rough guide would be:

Priming: Approx 0.1kg/m² of Isocrete Polymer 70.

Grouting: Approx 0.2kg/m² of Isocrete Polymer 70.

Protection On Completion

Ensure adequate protection from other construction trades immediately after installation and during the curing period.

Storage & Shelf Life

Stored unopened in dry conditions, protected from frost and excessive heat, shelf life will be 12 months.

Health And Safety

Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health and Safety data sheets, available from Flowcrete UK Ltd.

Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Flowcrete UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.

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