



The Chemical Company

RHEOFINISH[®] 288FU

Surface retarder for horizontal concrete

DESCRIPTION

RHEOFINISH 288FU is a liquid, chemical retarder used for achieving an exposed aggregate finish on horizontal concrete surfaces by retarding the setting of cement paste in the surface matrix of concrete and then removing it.

The surface retarder is applied on the concrete to effect retardation of the surface of fresh concrete.

FIELDS OF APPLICATION

RHEOFINISH 288FU is recommended for all horizontal kicker & construction joints for a superior bond with subsequently placed concrete or mortar layer and on flat surfaces before granolithic screed application. It is also ideal for creating exposed aggregate architectural finishes on flat surfaces.

FEATURES AND BENEFITS

Controlled depth of retardation	Consistent textured finish.
Does not kill hardening process	No deleterious effect on the core concrete or the strength of the concrete mass.
Variable depth of retardation	Scope for producing decorative patterns of exposed aggregates with different shapes and sizes of aggregates.
Creates rough texture	Excellent bond for subsequently laid mortar or concrete layer. Avoids costly surface roughening procedures.

TYPICAL PERFORMANCE DATA

Typical depth of retardation : 5 mm @3 - 5 m²/L.

APPLICATION

Use **RHEOFINISH 288FU** as supplied without diluting. Apply **RHEOFINISH 288FU** by a low pressure sprayer or a soft bristled brush onto the concrete surface. Protect the applied surface from rapid drying and rain with plastic sheeting.

One day after placing concrete, remove the sheeting and ascertain that the core of concrete has hardened and then hose down the treated surface with medium water pressure to wash away the unset cement paste in the surface matrix. Brush away all the loosely adhering materials.

The debris thus collected should be washed away as cement paste can later set hard making it difficult to remove. The period of surface retardation will be reduced in hot weather and if rapid hardening cement is used in which cases earlier hosing of treated surface may be required.

Note: Do not store **RHEOFINISH 288FU** in metal spray equipment for too long. Fill metal sprayers or containers just before application and empty them immediately after application.

DOSAGE

The rate of application depends upon the depth of retardation (depth of aggregate exposure) desired. **RHEOFINISH 288FU** applied @ 3 - 5 m²/L typically results in a depth of retardation of up to 5 mm.

Therefore material requirement is 0.2 - 0.3 L/m² to achieve approximately 5 mm depth of retardation.

PACKAGING

RHEOFINISH 288FU is available in 25L carboys and 205L plastic lined drums.

SHELF LIFE

RHEOFINISH 288FU can be stored for 12 months if stored at temperatures above 5°C in tightly sealed original drums. If found to be frozen, thaw it and reconstitute by stirring.

PRECAUTIONS

Health : **RHEOFINISH 288FU** is non toxic but can cause irritation to persons with sensitive skin if exposed .

Safety : Wear eye protection and gloves while handling the product. Wash thoroughly after handling.

Fire : Not flammable.

For detailed Health, Safety and Environmental recommendations, please consult and follow all instructions on the product Material Safety Data Sheet.

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**STATEMENT OF
RESPONSIBILITY**

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