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BestRetard GS320H

Concrete Surface Retarder.

Description:

BestRetard GS320H is a specialized compound that retards the setting process of concrete surfaces from horizontal to 30°, in order to create a rough concrete surface, exposed aggregate that could optimal bonding with subsequent materials application.

BestRetard GS320H is formulated from specialized and selected polymers that aim to create the highest permeability and longest retarding time with the lowest dosage and optimize economic efficiency when compared with other methods of roughing concrete surfaces such as hacking, grit-blasting, chemical corrosion ...

Recommended for:

- Artistic concrete with a textured surface or exposed aggregate ...
- Concrete joints or cold joints need high roughness to increase the bonding strength for subsequent layers of material.
- Concrete surface with a structure of pouring new concrete or other materials on existing concrete.
- Rough surface of anti-slip concrete.

Advantage:

- The compound is ready-to-use, so the quality is stably controlled.
- High retarding effect, low dosage, high economic effect.
- Does not contain chloride-induced corrosion on reinforcement steel.
- Do not reduce the final concrete strength when the product is spilled, or mixed inside the concrete.
- Do not reduce the final bonding strength between concrete and reinforcement even if accidental splashing occurs prior to pouring concrete.
- Allow the concrete to cure to its full strength after retardation has finished. There is no damage to the surface bonding strength of aggregates and adhesives compared to mechanical methods.
- Easy to apply, and easy to clean when the product is splashed in unwanted places because of the high water dispersion ability of the product.
- Do not stain concrete surfaces after the retardation has finished.
- Application for all types of portland cement concrete, including white cement and sulfate resisting cement.
- Suitable for the climate in Vietnam.

Technical data:

Existence form:	Viscous liquid.
Color:	Transparent to light yellow.
Specific Gravity:	1.18 ± 0.02 kg/l (25°C).
pH:	8.5 ± 1.5 (25°C).

Consumption:	0.15 ÷ 0.25 liter/m² , in actual the consumption depending on the specific applying case.
Storage condition:	At a dry and cool place, free of freezing.
Shelf life:	12 months from the date of manufacturing in unopened conditions.
Package:	5; 25L/ can; 210L/ drum.
Application:	
Equipment:	Use a normal garden spray or pressure nozzle to spray BestRetard GS320H directly onto the concrete surface.
Application:	<p>Spray a uniform coat of BestRetard GS320H onto the concrete surface as soon as the bleeding of concrete has just finished (the concrete surface has just drained). After the initial cure of concrete has elapsed, (normally about 6 to 10 hours from the time of mixing), the soft concrete on the surface due to the retardation can be brushed or washed off with clean water, to create a rough surface with exposed aggregate.</p> <p>When the concrete surface is applying BestRetard GS320H, it is recommended to protect it from direct contact with sunlight, rain, wind, and dust.</p> <p>After washing, hardened concrete is cured according to the normal concrete curing process.</p>
Important notes:	<p>Stir the product before use.</p> <p>Do not dilute or mix any other product or chemical with BestRetard GS320H when used as this will cause a loss of product performance and cause unforeseen chemical reactions.</p> <p>Products should not be spilled or exposed to other fresh concrete parts when not needed.</p> <p>Because the retarding properties and retarding time of products depend on many factors when used such as concrete mix design, cement content, water/ cement ratio, type of cement, ambient temperature when construction, etc., it is necessary to conduct experiments for each specific application condition to get the desired results such as depth of the exposure, surface washout time ...</p>
Cleaning:	Clean tool and equipment after application with clean water.
Safety:	<p>Do not contact the product long time. Should wear labor protection when applicable.</p> <p>In case of accidental eye contact, wash with fresh water and seek medical advice immediately.</p>
Disclaimer:	<i>The technical information and application instruction in documents of BESTMIX are based on BESTMIX's current knowledge and practical experience. The information here only describes the general nature of the product, so users should test the product for each purpose. BESTMIX has the right to change the features of our product, user must always refer to the latest technology product.</i>