



BISEAL[®]

RETARDER -S

SUPERFICIAL SETTING RETARDANT FOR EXPOSED AGGREGATE CONCRETE

DESCRIPTION

BISEAL[®] RETARDER S is a liquid applied directly on the concrete surface and specially formulated for the production of exposed aggregate concrete. Product inhibits the setting of the cement slurry surface that is subsequently removed by washing, leaving the aggregate view.

APPLICATION FIELDS

- Continuous concrete flooring with exposed aggregate finish in outdoor areas.

ADVANTAGES

- No colouring conferred to concrete.
- High quality finishes even on vertical surfaces.
- Can be applied on both smooth and rough surfaces.
- Easy to wash for the exposed aggregate.
- Easy application and good thixotropy. No dripping.
- Non corrosive.
- Non-toxic, non-flammable.

APPLICATION INSTRUCTIONS

Surface preparation

Concrete surface must be evened and clean, free of dust, oil, grease and waste of curing agents.

Application

BISEAL[®] RETARDER -S is supplied ready for use, should only be removed manually using a dry and clean tool or by mechanical means with a mixer at low speed disc (300-400 rpm) to achieve homogeneity of the mixture before of being applied.

Material is preferably applied by spraying on the concrete surface, either by brush or roller once concrete has sufficient consistency to avoid washing the product application.

Apply **BISEAL[®] RETARDER -S** with a load of about 0,25 kg/m², watching form a continuous uniform film covering the entire surface of the concrete to be treated.

Surface washing

Once the mass of the concrete has set (8 hours in summer and 24 hours in winter) proceed to wash surfaces that have been in contact with the surface retarding agent, using water and a metal brush, or preferably pressure water jet to remove surface uncured grout. Accurate time elapsed prior to washing shall be determined by preliminary tests because it can vary with temperature, humidity, heat of hydration, etc.

It is recommended to pre trials using the product for evaluating the required result, as the provided finishing depend on the aggregate size, aggregate and cement dosage, etc.

Cleaning

Tools and equipment must be cleaned with water immediately after use.

CONSUMPTION

Estimated consumption for **BISEAL[®] RETARDER -S** is about 0,25 kg/m². To greater depth increase this consumption value.

Consumption may vary depending on texture, porosity and conditions of the concrete surface and application method. Perform an in-situ test to know its exact value.

IMPORTANT INFORMATION

- Observe the recommended maximum and minimum consumption figures.
- Protect treated surfaces from rain.
- Make sure that the application is homogeneous throughout the surface to be treated.
- It is recommended pressure adjustments to remove surface grout without damaging the concrete.
- For other uses not specified in this Technical Bulletin or further information consult our Technical Department.

PACKAGING

BISEAL® RETARDER -S is supplied in 25 kg jerry cans.

STORAGE

Twelve months in its unopened original packaging. Store in cool, dry place protected from moisture, frost and direct exposure to sunlight, with temperatures above 5 °C.

TECHNICAL DATA

Product characteristics	
Appearance	Clear liquid
Density at 20 °C (g/cm ³)	1,07 ± 0,05
Consumption*	
Consumption (kg/m ²)	0,25

GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO®**, **S.A.U.** reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin replaces the previous one.



DRIZORO, S.A.U.

C/ Primavera 50-52 Parque Industrial Las Monjas
28850 TORREJON DE ARDOZ – MADRID (SPAIN)
Tel. 91 676 66 76 - 91 677 61 75 Fax. 91 675 78 13
e-mail: info@drizoro.com Web site: drizoro.com

ISO 9001
ISO 14001

BUREAU VERITAS
Certification



ES 045396-1 / ES 045397-1