

## COOL BARRIER GRIP CSD

Concrete Sealer and Densifier



### Product description

COOL BARRIER GRIP CSD is an aqueous composite dispersion that combines special properties of organic and inorganic components. The core of the dispersion particles is based on inorganic nanosilica particles and the shell is based on high performance acrylate copolymers.

COOL BARRIER GRIP CSD is manufactured without alkyl phenol ethoxylate (APEO) containing compounds.

### Special features

- Easy application
- Short drying time
- UV resistance
- Alkaline resistance
- Abrasion resistance
- High stain resistance
- For both indoors and outdoors
- Natural look

### Advantages in Interior Walls

Using COOL BARRIER GRIP CSD as a protective sealer and densifier increases mechanical properties and – above all – greatly enhances stain resistance. Many different types of stains, from coffee and red wine to pencils, crayons and highlighters, can be easily wiped off with a cloth, using a household dishwashing detergent diluted with water.

### Advantages on Plasters and Exterior Finishes

COOL BARRIER GRIP CSD protects the surface from weather degradation and ensures a perfect appearance after rain, heat, dust, freeze and thaw conditions. It improves resistance to both hydrophilic and organic stains, dries fast and is easy and safe to apply, even for non-professionals.

### Processing

COOL BARRIER GRIP CSD can be used both for Construction as well as Paints & Coatings applications.

In Construction COOL BARRIER GRIP CSD is particularly suitable for producing impregnation and protective treatments for mineral based substrates such as concrete, decorative self-leveling flooring compounds, natural stone and gypsum. The dispersion is also suitable for treating mineral plasters, roofing tiles, wood, fibers, textured coatings and nonwovens.

If the product is used to impregnate and densify porous substrates, we recommend diluting the product 50% with water depending on how absorbent the substrate is. The product can be applied by brushing, rolling, spraying or wiping. For best results, apply the product in two coats using a short-pile velour mop. Before any application apply the product in a test area, in order to specify the desired color enhancement of the treated surface/material.

### Way Application

Applications by rollers or brushes are most recommended, in order to control the sagging of the protective layer on the treated surface. The final consumption of the protective layer, must be controlled taking into account the final desired look of the treated surface. Normally a 200 ml per sqm, of the diluted product is sufficient.

## Storage

The containers must be protected against sunlight.

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets.

They are available on request from Abolin Co Greece subsidiaries.

## Product data

Typical general characteristics	Inspection Method	Value
Appearance		transparent liquid
Active Content		45 - 48 %
Density at 25 °C		approx. 1,10 g/cm <sup>3</sup>
Viscosity, dynamic at 25 °C	DIN 51562	70 - 150 mPa.s
VOC (Directive 2010/75 EU)		~0,5%, 6g/l

These figures are only intended as a guide and should not be used in preparing specifications

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

The management system has been certified according to EN ISO 9001

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