

COOL BARRIER GRIP 700 H



Product description

COOL BARRIER GRIP 700H is a flexible dispersible polymer powder based on vinyl acetate, ethylene and vinyl ester with hydrophobic effect and very good workability.

Properties

COOL BARRIER GRIP 700H is a terpolymer powder of vinyl acetate, vinyl ester and ethylene and is dispersible in water. Compounds modified with COOL BARRIER GRIP 700H exhibit improved adhesion, flexural strength, deformability, abrasion resistance and are easier to process. Leveling, thixotropy and water retention are essentially unaffected. It additionally acts as a strong hydrophobizing agent, but will not have any appreciable effect on water-vapor transmission in normal usage concentrations.

As a result of the resin's special composition, compounds modified with it provide strong and lasting bulk water repellency on alkaline building materials and significantly reduced water absorption.

COOL BARRIER GRIP 700H contains a fine mineral filler as an antiblocking agent. It is produced without the use of organic solvents, plasticizers and film-forming agents.

Special features

COOL BARRIER GRIP 700H is a hydrophobizing dispersible polymer powder in the lower Tg range. It has no effect on rheology and has excellent general-purpose properties and is especially suitable for mortars with low emissions.

Application

For typical application fields of COOL BARRIER GRIP 700H, refer to the following application table. Please discuss additional applications with your Abolin customer representative.

Application	Recommendation	Suitability
Tile grouts	Indoor Outdoor	• •
Renders/Plasters	Basic renders/plasters Finishing renders/plasters	° •
Skim Coats	Indoor Outdoor	• •
Floor/Wall troweling compounds	Fine leveling compounds Coarse leveling compounds	• •
Waterproofing Membranes	Rigid	•

• highly recommended ° recommended

Processing

For the production of ready-mixed dry mortars, such as adhesives and patching compounds, blend COOL BARRIER GRIP 700H with the other dry ingredients in appropriate equipment. Temperatures should not be allowed to rise excessively during mixing because otherwise the dispersible polymer powder could agglomerate by virtue of its thermoplastic properties. The mortar is prepared for use by adding the recommended amount of water and mixing mechanically or by hand. Since hand mixing generates little shear force, we recommend allowing the fresh mortar to slake for 5 minutes and then stirring it again. This is usually unnecessary where mechanical mixers are employed.

Storage

During storage, protect COOL BARRIER GRIP 700H from contact with moisture. Prolonged storage at temperatures above 30 °C, including in combination with pressure load, humidity or exposure to sunlight, may result in blocking. Carefully seal any open containers and store them in suitable conditions.

We recommend storing COOL BARRIER GRIP 700H in a warehouse that provides cool and dry conditions.

Do not store COOL BARRIER GRIP 700H for more than six months, starting from the point at which it was received. If the product is kept for longer than that, it can still be used, but users are advised, in this case, to check the properties required for the intended use.

Packaging

10 kg plastic pails
Big Bags or bulk on request.

Additional information

If COOL BARRIER GRIP 700H is used in applications other than those mentioned, the choice, processing and use of COOL BARRIER GRIP 700H is the sole responsibility of the purchaser. All legal and other regulations must be complied with.

Slight color variations of the dispersible polymer powder may occur without impairing the product's functionality.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. These are available on request from Abolin sales offices.

Product data

Specification data	Inspection Method	Value
Solids content	DIN EN ISO 3251	min. 98 %
Ash Content (1000 °C)	specific method	max. 11,5 %
Bulk density	DIN EN ISO 60	400 - 550 kg/m ³
Particle size	DIN EN ISO 4610	max. 4 % over 400 µm
Typical general characteristics	Inspection Method	Value
Appearance	specific method	white to light beige powder
Protective colloid / emulsifier system		polyvinyl alcohol
Minimum film forming temperature	DIN ISO 2115	0 °C

Figures below "Typical general characteristics" are intended as a guide and should not be used in preparing specifications.

The data presented in this medium 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 medium 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 information provided by us does 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 product for a particular purpose.

The management system has been certified according to EN ISO 9001

For technical, quality, or product safety questions, please contact:

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