

Product Information



Styrofan® D 623 ap

Benefits

- Ease of application
- Long term durability

Features

- Good workability
- High mechanical strength
- Good abrasion resistance



Styrene Butadiene Dispersion for the Modification of Hydraulic Binders

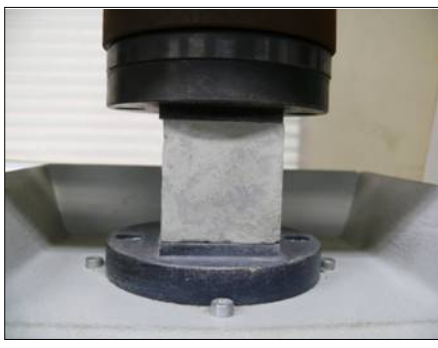
Styrofan® D 623 ap is suitable to modify hydraulic binders, especially mixtures containing cement. It is particularly recommended for products that have to meet the highest standards of mechanical strength, such as repair mortars and floor screeds. Styrofan® D 623 ap improves the flow properties, workability and adhesion of a mortar and provides floor screeds with high strength and abrasion resistance.

Typical Properties			
Product specification*	Solids content	%	51 ± 1
	pH value		7.8 – 10.0
	Viscosity at 23 °C (ISO 2555)	mPa·s	40 – 215
Other properties of dispersions	Tg	°C	14
	Minimum film-forming temperature (ISO 2115)	°C	approx. 16
	Density (ISO 2555)	g/cm³	approx.1.02
	Resistance to frost		not resistant
	Type of dispersion		anionic
*The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived there from.			

Note
The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

Styrofan® D 623 ap

Highest standards of compressive strength can be met by formulating screeds with Styrofan® D 623 ap.



Styrofan® D 623 ap improves the workability of a repair mortar and enables easy application.



Safety

General

The usual precautions for handling chemicals must be observed. These include the measures set out in the guidelines of the organizations responsible for safety at work, in particular, good ventilation and fume extraction at the workplace, care of the skin and the wearing of eye protection.

Safety Data Sheet

When using this product, the information and advice given in our **Safety Data Sheet** should be observed. Due attention should also be given to the **precautions** necessary for handling chemicals.

Labeling

According to all the data at our disposal, Styrofan® D 623 ap does not need to be labeled as a dangerous substance or preparation as defined in the relevant local directives according to their current status.

Storage

Styrofan® D 623 ap should not come into contact with exposed iron or non-ferrous metal during storage or processing. It is important to ensure that containers are kept tightly sealed, and the headspace of bulk storage tanks must be kept saturated with water vapor. This product must not be exposed to high temperatures, and it must be protected from frost.

Styrofan® D 623 ap has a shelf life of six months at 10 – 30 °C, provided due attention is paid to the hygiene of tanks and storage facilities.

To avoid problems during storage (impact of micro organisms) we recommend the stabilization with biocides.

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