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Product Information

Styrofan® 7809

Polymer Dispersion for Construction

Styrofan® 7809 is an aqueous anionic dispersion based on styrene and butadiene

Chemical Nature:

Carboxylated styrene-butadiene copolymer dispersion

Benefits

- Promotes high adhesion to various substrates including non-porous porcelain tile
- Enhance impact resistance
- Excellent water resistance
- Excellent heat resistance
- Quick drying time

Features

- APEO, ammonia, and formaldehyde free

Properties

Product specification*	Property	Unit	Value
Product specification*	Solids content	%	47.5 ± 1
	pH value		7.0 – 8.5
	Viscosity at 23 °C, 5/20 rpm	mPa·s	1,000 – 7,000

Other properties of dispersions

Glass transition temperature °C Approx. -25

*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 therefrom.

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.

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Applications

Areas of application

Styrofan® 7809 is used to manufacture building adhesives and primers with improved water resistance and good adhesion to mineral and glazed surface, such as back tile adhesives. Back tile adhesives with Styrofan® 7809 retains excellent adhesion to porcelain tiles even after long term water treatment. The high resistance against water and alkaline enable a more durable solution for the customer. Additionally, the rollable application of back tile adhesives enables a quick and reliable application on the job site. Trials must be performed in advance since the performance of Styrofan® 7809 can be influenced by other additives and materials involved.

Processing

Styrofan® 7809 can readily be used as adhesives directly applied to the back of the tile at the construction site.

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Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

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[®] 7809 does not need to be labelled as a dangerous substance or preparation as defined in the relevant local directives according to their current status.

Storage

Styrofan[®] 7809 must not be allowed to come into contact with metals or alloys that are susceptible to corrosion. It is very important to ensure that containers are kept tightly closed or that the airspace in storage tanks is kept saturated with water vapour. Exposure to frost or sources of intense heat must be avoided.

Styrofan[®] 7809 contains sufficient preservative for transportation. More preservative must be added during subsequent storage to protect the material against microbial attack and tank hygiene measures must be adopted (cf. our Technical Information Bulletin "Storage tanks for polymer dispersions").

Styrofan[®] 7809 has a shelf life of approximately 9 months from date of manufacture at temperatures between 10°C to 30°C.

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