

Acronal[®] 4312

Chemical Nature

Aqueous styrene-acrylate copolymer dispersion for use in concrete floor primers.

Properties

Typical Properties

Solids content	%	47 – 49
pH		6 - 8
Viscosity at 23 °C Brookfield RV, Spindle #5, at 50rpm)	cps	~300

Other properties of the dispersion

Density at 23 °C	g/cm ³	ca. 1.03
Freeze/thaw stability		protect from freezing

Application

Features

Acronal 4312 may be used in penetrating primer coats over concrete flooring. Acronal 4312 can also be used to reduce moisture/vapor transmission from underlying cementitious substrates. Acronal 4312 has good calcium ion stability and thus, is stable in mortars. Acronal 4312 is ammonia and APEO free.

Processing

Customers must conduct their own trials when developing and processing products based on Acronal 4312. The compatibility and miscibility with other emulsions or latex polymers and other formulating materials are affected by a variety of factors which are too numerous for BASF to take into account in our own trials. This includes the viscosity stability of the formulated product in storage.

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

All safety information is provided in the Safety Data Sheet for Acronal 4312.

Storage

Please refer to the "Handling and Storage of Polymer Dispersions" brochure.

Important

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