

Acronal® A 378 ap

Benefits

- Reliable and constant product quality
- Environmentally friendly
- Improved workplace health
- Long-term durability

Features

- Plasticizer free
- Low VOC
- Improved cohesion
- Excellent heat resistance



Aqueous Polymer Dispersion for the Formulation of Adhesives for Flexible Floor Coverings

The reduction of solvent levels in floor covering adhesives has become an essential requirement due to environmental and health concerns. Acronal® A 378 ap is not only suitable to formulate conventional adhesives containing resin solutions, it is also recommended for solvent-free adhesives as defined in the Technical Rules for Hazardous Materials, TRGS 610. The performance of these solvent-free adhesives is at least as good as that of conventional adhesives, and their cohesion and heat resistance are substantially better.

Typical Properties

Product specification*	Solids content (DIN ISO 1625)	%	62 ± 1
	pH value		5.7 – 6.7
	Viscosity at 23 °C	mPa·s	150 – 350
Other properties of dispersions	Tg	°C	-22
	Minimum film-forming temperature	°C	< 1
	Density	g/cm ³	approx.1.05
	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

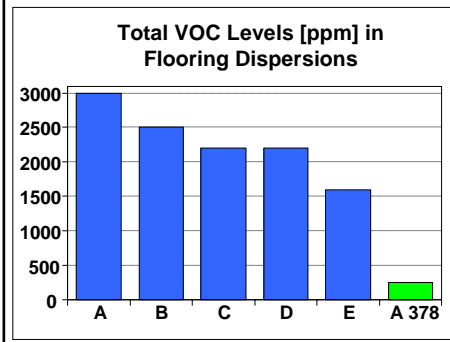
The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any 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.

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The static shear test at elevated temperatures shows the superior heat resistance of floor covering adhesives based on Acronal® A 378 ap.



Compared to commercial dispersions (A-E), Acronal® A 378 ap contains low levels of TVOC and is recommended for the formulation of very low emission floor covering adhesives.



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, Acronal® A 378 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

Acronal® A 378 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.

Acronal® A 378 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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