

ARAKRIL[®] ADC 500

Arakril ADC 500 is an APEO free anionic-nonionic aqueous dispersion based on styrene and acrylic acid ester.

Specification

	UNIT	VALUE	TEST METHOD
Solid Content 1/2h 150°C	%	50±1	DIN EN ISO 3251
pH		7.0-9.0	DIN ISO 976
Viscosity Brookfield RVDV-II	mPas	11000-15000	DIN EN ISO 2555

Additional Data

These data are used solely to describe the product. They are not subject to constant monitoring or part of the specification.

	UNIT	VALUE	TEST METHOD
MFFT	°C	17±2	ISO 2115
Density	g/cm ³	1.04	ISO 8962
Ionic charge		Anionic-Nonionic	
Film Appearance		Clear and Non-tacky	
Tg	°C	23±2	DIN 53 765(DSC)

Recommended Application Areas

Interior & Exterior paints
Mineral & Textured coatings
Granulated stone plasters, primers

High PVC Paints

Application

Arakril ADC 500 dispersion is designed for the formulation of interior and exterior coating systems like paints and plasters with excellent scrub resistance, high alkali and water resistance and superior outdoor stability. It shows great utility as a primer or binder for textured coating finishes.

Arakril ADC 500 is also employed in high PVC paints providing good color yield due to its high pigment binding capacity.



Shelf-life and Storage

The dispersion contains some initial preservatives to prevent attack by micro organisms. In order that the product is also sufficiently protected against microbial contamination during further storage in opened drums or storage tanks a suitable preservative should be added despite our preliminary preservation measures. Checks should be carried out to determine their compatibility and efficacy. The tanks and pipework should be kept adequately clean.

Arakril ADC 500 should not be stored for longer than 12 months before processing as far as possible, storage should be at a uniform temperature in the region of 5-35°C. The product should, in principle, be kept away from frost and direct exposure to sunshine. Furthermore it must be ensured that already opened drums or containers are always tightly closed.

The technical data ascertained by our quality control laboratory at the time of product release may vary according to storage time and storage conditions and may deviate from the stated limits.