

ARAKRIL® AK 550

Arakril AK 550 is an APEO free anionic-nonionic pure acrylic emulsion.

Specification

	UNIT	VALUE	TEST METHOD
<i>Solid Content 1/2h 150°C</i>	%	50±1	DIN EN ISO 3251
<i>pH</i>		7.0-9.0	DIN ISO 976
<i>Viscosity Brookfield RVDV-II</i>	mPas	5000-10000	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
<i>MFFT</i>	°C	13±2	ISO 2115
<i>Density</i>	g/cm ³	1,06	ISO 8962
<i>Ionic Charge</i>		Anionic-Nonionic	
<i>Film Appearance</i>		Clear and Bright	
<i>Tg</i>	°C	20±2	DIN 53 765(DSC)

Recommended Application Areas

Interior & Exterior paints
Masonry Paints

Application

Arakril AK 550 is a pure acrylic emulsion developed for high performance interior paints and applications in various wall coatings due to high adhesion potential and good scrub resistance.

Its pure acrylic backbone makes it naturally UV resistant. It also stabilizes its brightness. It can thereby be used in exterior paints providing high resistance to water and weathering conditions.

The dried film of Arakril AK 550 is bright, transparent and medium hard.



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 AK 550 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.

Due to the film forming ability of the product, it may occur skins. Filtration through a coarse filter before use of the product is recommended.

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.