

ARAKRIL® STA 565

Arakril STA 565 is an APEO and formaldehyde free anionic-nonionic styrene acrylic copolymer 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	4000-11000	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	<0	ISO 2115
<i>Density</i>	g/cm ³	1,04	ISO 8962
<i>Ionic Charge</i>		Anionic-Nonionic	
<i>Film Appearance</i>		Clear and Tacky	
<i>Tg</i>	°C	-7±2	DIN 53 765(DSC)

Recommended Application Areas

Moisture Barrier Coatings
Plaster & Sealants
Roof Coatings

Application

ARAKRIL STA 565 is particularly designed for the formulation of exterior coating systems like moisture barrier coatings with high performance adhesion and water resistance.

Arakril STA 565 is also employed in roof coatings, plaster and sealants due to its high tensile strength and superior flexibility.

It is also suitable to be utilized in the production of crack-sealing or crack-filling systems.



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 STA 565 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.