

# Acronal<sup>®</sup> S 589

## Polymer Dispersions for Architectural Coatings

<b>Product description</b>	Acronal <sup>®</sup> S 589 is an environmentally advanced aqueous dispersion of a styrene acrylic copolymer for the production of coatings with excellent water resistance and blocking properties against nicotine and tannins.
<b>Dispersion type</b>	anionic

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### Properties

**Physical form**                      Liquid, dispersion

<b>Technical data</b> (not supply specification)	Solids content	DIN EN ISO 3251	~ 52 %
	pH value	DIN ISO 976	6.5 – 8.0
	Viscosity	DIN EN ISO 3219 (23 °C, 100 1/s)	80 – 300 mPa·s
	Average particle size		~ 0.15 µm
	MFFT		~ 1 °C
	Specific gravity (dispersion)		~ 1.04 g/cm <sup>3</sup>
	Specific gravity (dry polymer)		~ 1.09 g/cm <sup>3</sup>

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## Application

### Application areas

- Low-VOC sheen to semi-gloss paints
- Nicotine and tannins blocking primers
- Damp proofing of wet rooms (application of several layers of glass fiber and paint recommended to achieve a completely water-tight seal)
- Cobinder in silicate paints

### Advantages

- Low VOC and low odor
- Formulation without coalescent possible
- Low water uptake
- Low surface tack
- Good compatibility with conventional water glass
- Does not contain ammonia

### Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

### Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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