

Acronal[®] 5036

Polymer Dispersions for Construction

Chemical nature Aqueous dispersion for the manufacture of building adhesives and sealants. Dispersion based on acrylic ester copolymer. (Acronal[®] 5036 is manufactured without the addition of APEO).

Properties

Physical form Liquid, dispersion

Technical data (not supply specification)			
Solids content	DIN EN ISO 3251		~ 60 %
pH value	DIN ISO 976		6.0 – 7.5
Viscosity	DIN EN ISO 3219 (250 1/s, 23 °C)		100 - 600 mPa·s
Glass trans. temperature	DIN EN ISO 11357		~ -30°C

Application

Areas of application

Acronal® 5036 is used as a binder for the manufacture of high-performance sealants and joint fillers. Sealants and joint fillers fabricated with Acronal® 5036 show good flexibility at low temperatures and good elasticity. In addition, these products show excellent adhesion on common construction materials including ceramic and glass.

Processing

To ensure optimum filler compatibility, sodium hydroxide (10 % solution) should be added to adjust the pH of the dispersion to 8 and the dispersion should also be stabilized with pigment disperser (e.g. Dispex® AA 4135 or Dispex® CX 4231).

We recommend adding preservatives to adhesives and sealants that contain Acronal® 5036 to protect them from microbial attack. The suitability of such additives must be determined and monitored in tests.

Standard commercial defoamers (e. g. FoamStar® PB 2706) can be used to suppress foaming. In general, it is sufficient to add 0.05 – 0.5 % antifoam in relation to the mixture. The amount required must be determined in tests.

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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