

Acronal[®] PLUS 7810

Polymer Dispersions for Construction

Chemical nature Acronal[®] PLUS 7810 is an aqueous dispersion based on styrene and acrylic ester copolymer for the manufacture of building adhesives and sealants.

Properties

Physical form Liquid dispersion

Technical data
(no supply specification)

Solids content	Approx. 60 %
pH Value	Approx. 4.0 – 5.5
Viscosity Brookfield RVT 2#, 50rpm, 23°C	200 –700 mPa·s
T_g	Approx. -10 °C

Application

Application areas Acronal[®] PLUS 7810 is used as a binder for the manufacture of acrylic sealants. Sealants and joint fillers fabricated with Acronal[®] PLUS 7810 show good balance of flexibility and elasticity.

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 dispersant (e. g. Dispex[®] AA 4135).

When the pH value is increased, the dispersion becomes much thicker, so the addition of another thickening agent is unnecessary in many applications.

We recommend adding preservatives to adhesives and sealants that contain Acronal[®] PLUS 7810 to protect them from microbial attack. The suitability of such additives must be determined and monitored in tests.

Technical Data Sheet

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. They do not constitute the agreed contractual quality of the product and, in view of the many factors that may affect processing and application of our products, do not relieve processors from carrying out their own investigations and tests. The agreed contractual quality of the product at the time of transfer of risk is based solely on the data in the specification data sheet. Any descriptions, drawings, photographs, data, proportions, weights, etc. given in this publication may change without prior information. 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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This data sheet will be rendered invalid if it is superseded by a later version.

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