

Acronal[®] 6327

Polymer Dispersions for Architectural Coatings

Product description Acronal[®] 6327 is a rheology controlled hard, self-crosslinking multi-phase aqueous dispersion of an acrylic copolymer. It has a very small particle size and a double wet adhesion functionality.

Dispersion type Anionic RC-technology

Properties

Physical form Liquid, dispersion

Technical data (not supply specification)			
Solids content	DIN EN ISO 3251		~ 42 %
pH value	DIN ISO 976		7.5 – 8.5
Viscosity	DIN EN ISO 3219 (23 °C, 100 1/s)		30 – 200 mPa·s
Average particle size			~ 0.07 µm
MFFT			~ 35 - 40 °C
Specific gravity (dispersion)			~ 1.04 g/cm ³
Specific gravity (dry polymer)			~ 1.08 g/cm ³

Application

Applications areas

- Hard and blocking resistant clear, semi-transparent and opaque coatings
- Hard modifier for exterior joinery or industrial cladding. Excellent blending component to improve hardness, scratch-, hot blocking-resistance and stackability of exterior wood coatings based e. g. on Acronal® EDGE 6283, Acronal® LR 9014 or Joncryl® 8387
- Stand-alone solution for semi-protected wood applications, e. g. coatings for wood-alumina windows and exterior doors
- Interior trim paints

Advantages

- Excellent surface hardness at some remaining film elasticity (down to 0 °C)
- Superior hot blocking resistance and stackability
- Very good water protection properties
- Low blushing tendency
- Good chemical resistance
- Good wet adhesion on wood
- Clear and colorless film
- In-can clarity

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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