

Acronal[®] 6325 X

Polymer Dispersions for Architectural Coatings

Product description Acronal[®] 6325 X is a fine-sized, hydrophobic, aqueous pure acrylic dispersion with wet adhesion promotor. It is based on a multi-stage technology with a tailor-made particle morphology to combine film elasticity and durability with hardness plus blocking resistance.

Chemical nature Aqueous dispersion of a copolymer based on acrylic ester and methacrylic ester; anionic character.

Properties

Physical form Liquid, dispersion.

Technical data

(no supply specification)

| | | |
|--------------------------------|-----------------|--------------------------|
| Solids Content | DIN EN ISO 3251 | ~ 45 % |
| pH Value | DIN ISO 976 | 7.5 – 8.5 |
| Viscosity at 23 °C, 100 1/s | DIN EN ISO 3219 | 100 – 400 mPa·s |
| Average Particle Size | | ~ 0.08 µm |
| MFFT | | ~ 2 °C |
| Specific Gravity (Wet polymer) | | ~ 1.04 g/cm ³ |
| Specific Gravity (Dry polymer) | | ~ 1.08 g/cm ³ |

Application

- High quality trim paints and exterior wood coatings
- Transparent, semi-transparent and opaque formulations (from low build to high build)
- Highly versatile, for all kinds of paints and stains of low PVC

Advantages

- Excellent outdoor durability
- Broad formulation latitude and high versatility
- Eco-friendliness (low VOC, low odor); compliant with all standard ecolabels
- Crack-free film formation at < 1g/L VOC
- Good blocking resistance
- Excellent thickener interaction, which allows a wide variety of rheological profiles
- Specific pot preservation to enable biocide-freeness in formulations and applications
- Dirt pick-up resistance
- Water resistance
- Wet adhesion to different substrates
- Cost efficient and economical in use

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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