

Luhydran[®] A 848 S

Polymer Dispersions for Architectural Coatings

Product description Luhydran[®] A 848 S is a fine-sized, selfcrosslinking aqueous dispersion of a straight acrylic copolymer with a hydrophobic composition.

Dispersion type anionic

Properties

Physical form Liquid, dispersion

Technical data (not supply specification)	Parameter	Standard	Value
	Solids content	DIN EN ISO 3251	~ 44 %
	pH value	DIN ISO 976	6.5 – 7.5
	Viscosity at 23 °C, 100 1/s	DIN EN ISO 3219	150 – 250 mPa·s
	Average particle size		~ 0.07 µm
	MFFT		~ 39°C
	Specific gravity (dispersion)		~ 1.03 g/cm ³
	Specific gravity (dry polymer)		~ 1.06 g/cm ³

Application

Application areas

- Interior wood coatings, e.g. for parquet, furniture and wooden stairs
- Especially recommended for transparent, semi-transparent or slightly pigmented coatings
- Hard modifier for industrial applied joinery products, especially for wood/alumina windows or exterior doors, e. g. in blends with Acronal® LR 9014
- Excellent compatibility with standard polyurethane dispersions
- Sandable primers and intermediate layers for joinery

Advantages

- Excellent surface hardness and film clarity
- Outstanding water resistance and blushing resistance
- Superior chemical resistance
- Excellent grain enhancement
- Good wet adhesion

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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