

Adhesion Resin EP*-DS 1300

(preliminary)

43.13.314e / 12.03

General description

Our Adhesion Resin EP*-DS 1300 is a solvent-free, aqueous emulsion of a special polyester resin. It is used to promote the adhesion of coatings on critical substrates and the intercoat adhesion of multicoat systems. It works well on metallic, mineral, and various other plastic substrates. Adhesion Resin EP*-DS 1300 has been proven effective in improving gloss, flexibility, and corrosion protection. It is also highly stable against light, weathering and saponification. Adhesion Resin EP*-DS 1300 is used in water-soluble coating systems based on air-drying and heat-curing binders.

Specification

Property	Value	Unit	Test method
Nonvolatile matter	43 - 47	% by wt.	DIN EN ISO 3251 (60 min. 105°C)
pH value	6.0 - 8.0	-	DIN ISO 976

Typical data

Appearance	milky white	-	visuell
Viscosity at 23 °C	approx. 100	mPa s	DIN EN ISO 3219
Density 20 °C	approx. 1.1	g/cm ³	DIN 51 757 / ISO 758

*EP = Experimental product

Supply Form

Approx. 45 % by wt. in demineralized water.
Neutralizer: dimethylaminoethanol

Storage Stability and Packaging

PE canister, net contents: 25 kg
Screw cap drum, net contents: 200 kg.

When protected against light and at a storage temperature between 5 and 25 °C, Adhesion Resin EP*-DS 1300 has a storage stability of at least 6 months.

Food Contact

Actual information regarding national and international regulations on the use of Adhesion Resin EP*-DS 1300 in food packaging is available upon request.

Compatibility

Wherever necessary, the manufacturer himself conducts tests on the compatibility of each clear lacquer, since binder combinations are often compatible even if individual components alone are not compatible with Adhesion Resin EP*-DS 1300.

Safety and Handling

Please refer to our Safety Data Sheet.

Evonik Degussa GmbH

Coatings & Colorants
Paul-Baumann-Str. 1
45764 Marl, Germany
phone: +49-2365-49-02
fax: +49-2365-49-5030

Evonik Degussa Corporation

Coatings & Colorants
379 Interpace Parkway
Parsippany, NJ 07054-0677
phone: +1-973-541-8462
fax: +1-973-541-8460

www.coatings-colorants.com

www.smart-formulating.com

e-mail: co@Evonik.com

Replaces leaflet 43.13.314e / 08.02 and all former issues
Marl, December 8, 2003

® = registered trademark of Degussa AG

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.