
General: Hardening options for FANTASTIC-BRILLANT DU 48799

Description/features:

FANTASTIC-BRILLANT is a very scratch resistant, transparent high gloss lacquer formulated with a solvent base. Hardening with PU Hardener DR 4071 makes FANTASTIC-BRILLANT a fully coordinated addition to the FANTASTIC family and an ideal high gloss top coat for colour lacquers in the FANTASTIC-COLOR, UNA-COLOR and UNA-THIX-COLOR ranges.

After drying, this light-fast, high gloss lacquer can optionally be polished and buffed. Its great ability not to run on vertical surfaces also means that FANTASTIC-BRILLANT is process reliable and easy to apply.

Complementary hardening options enable the user to mix and adapt FANTASTIC-BRILLANT according to individual process conditions and product properties.

Technical information

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EXTERNAL CERTIFIED

PU Hardener **DR 4071** in a mixing ratio
(by volume) **4 : 1** or (by weight) **100 : 26**



UNIVERSAL HARDENING

PU Hardener **DR 4070** in a mixing ratio
(by volume) **2 : 1** or (by weight) **100 : 49**



HIGH CHEMICAL RESISTANCE

PU Hardener **DR 4078** in a mixing ratio
(by volume) **5 : 2** or (by weight) **100 : 40**



HIGHEST QUALITY

PU Hardener **DR 4076-0001** in a mixing ratio
(by volume) **10 : 3** or (by weight) **100 : 31**



FASTEST HIGH GLOSS APPLICATION

PU Hardener **DR 4085** in a mixing ratio
(by volume) **3 : 1** or (by weight) **100 : 35**



LOWEST DUST INCIDENCE

PU Hardener **DR 4096-0002** in a mixing ratio
(by volume) **2 : 1** or (by weight) **100 : 50**

Technical data / evaluations / external certifications regarding the hardening options:

	FANTASTIC-BRILLANT DU 48799	Recommended addition of thinner to the lacquer/hardener mixture	Pot life/ processing time	Thixotropy (without thinner)	Drying/ dust dry	Stacking capability	Lacquer sanding	Brilliance	Polishing capability	Scratch resistance and lacquer hardness	Chemical resistance	Test certificate See BG / IMO	Classification DIN EN 13501	Use on bleached wood species	Use on PU Colour lacquers	Use on natural wood
	DR 4071	40 - 50%	8 h / 20°C	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆					
	DR 4070	20 - 30%	8 h / 20°C	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆					
	DR 4078	35 - 45%	8 h / 20°C	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆					
	DR 4076-0001	30 - 50%	8 h / 20°C	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆					
	DR 4085	35 - 40%	8 h / 20°C	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆					
	DR 4096-0002	20 - 30%	8 h / 20°C	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆					

☆☆☆☆☆
poor

★★★★★
very good


External certifications


Use is possible

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Special instructions:

- Please conduct a sample coating under real conditions.
- In addition to this general technical information, please also refer to the technical information and the material safety data sheet relating to FANTASTIC-BRILLANT DU 48799.
- Please contact your local Hesse sales representative as necessary, or our Technical Hotline is available via +49 (0)2381 963 846 or service@hesse-lignal.de.

Note:

Our technical information is continually adapted to keep up to date with the latest technology and statutory regulations. You can always find the latest version on our website at www.hesse-lignal.de.

This information is purely advisory and is based on the best knowledge available after careful research in line with current state of the art technology. It is not legally binding. We also refer you to our Terms and Conditions. The material safety data sheet as per regulation (EC) No. 1907/2006 is available.