



BD7428M

DURELASTIC-Sanding-Gelcoat

Product description

Product technology	Styrene-based gel coat
Application	spreadable
Stability	very good
Grindability	good

General product properties

Binder-Base	unsaturated polyester resin, styrene containing
Colour	in accordance with RAL 840 HR other colours on request
Gloss visually	matt
Viscosity	5000 - 6000 mPa*s
Density	1,3 g/ml theoretical
Resistance to storage	<p>approx. 6 month in original packagings at an ambient temperature of 5 to 25 °C. Open packages are to be used within a short time.</p> <p>The minimum storage stability of each batch is stated on the product label. The material does not necessarily become unusable if stored for longer than this period. However, for quality assurance purposes, an inspection of these materials is essential to ensure that they are still suitable for the intended application.</p> <p>As the time in storage increases, the gelling and curing times can change. The original gelling time can be adjusted by adding accelerators (e.g. BD7550).</p>

Application and processing

Tool/mould	GRP types (of glass fibre-reinforced plastic) Separating film Metal molds
Pretreatment	Treat moulds with suitable separating agents.
Note before use	Prior to use, stir slowly and well without letting air in or mix components homogeneously.
Mixin ratio	+ 2 % Durelastic curing agent (MEKP 50) HD0625
Thinning	EFD dilution 1 -3 % 400900
Processing conditions	During processing, a room, material and mould temperature of [Variable] °C must be guaranteed in order to prevent hardening problems and cracking.
Processing time	Max. 12 - 15 min. / 20 °C The processing time can decrease at higher temperatures/humidities and/or under pressure.
painting	as delivered viscosity



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Rolling	as delivered viscosity	
Material usage	500 - 600 g/m ² mean test layer thickness	theoretical
Cleaning of equipment	with EFD cleaning agent 400906 within the processing time.	

Further processing of coated pieces

Over-laminatable	after 90 min., at the latest after 12 hours at 20°C material and room temperature.
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Comments

Work-and Healthprotection	The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health and Safety at Work and environmental protection can be found in the corresponding safety data sheet.
Test conditions	<p>All information is based on a standard climate 23/50 DIN EN 23270. All information is based on our product knowledge an experience. We have no direct influence on the application itself. Please do not hesitate to contact us for further information.</p> <p>The information provided here contains reference values and does not constitute a specification.</p>