

Technical Data Sheet

STONEGUARD AEROSOLS

Product Code:	BSGBA / BSGGA
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Product Description

Stoneguard is a durable, overpaintable anti corrosion and anti gravel coating in aerosol cans. Stoneguard is based on synthetic resins. Stoneguard is wet in wet overpaintable with most conventional paint systems. The product has sound deadening properties and offers a good protection against various climates and gravel. Well sandable after drying.

Application:

Stoneguard is applied as an anti corrosion and anti gravel coating to protect bumpers, chassis, wheel-housings and wings.

Properties:

Dry to touch	Completely dried	At ± 20°C, 65% RH	At ± 20°C, 65% RH	At ± 60°C (oven)	At ± 60°C (IR)	: 15	-	30	Minutes (± 200mu)
						: 60	-	90	Minutes (± 200 mu)
						: 20	-	30	Minutes (± 200mu)
						: 20	-	30	Minutes (± 200mu)
Paintability (± 20°C, 65% RH)		2K-acrylic system	Basecoat system	Waterbased system		: After 30 minutes (wet in wet) followed by oven drying			
						: After 30 minutes (wet in wet) followed by oven drying			
Chemical resistance		Hardened against				: Possible after full drying			
Temperature resistance		Hardened against				: Water, saltspray, oil, soft acids and bases			
Cleaning		Fresh material	Hardened material			: -25 °C tot +80 °C			
Saltspray test		DIN 50021	DIN 50021			: Solvents			
						: Mechanical			
						: Up to 480	Hours	Ri 0 at 400 mu dry layer	
						: Up to 720	Hours	Ri 0 at 400 mu dry layer +	
Gravel test		SAE-J400 method						paint	
Bending test		DIN 53152 (+70°C)				: 6A	-	6B	At 200 mu dry layer thickness
						: No cracks, no loss of adhesion			

Adheres on Adhesion	DIN 53152 (-30°C)	: No cracks, no loss of adhesion
		: Various metal surfaces
	DIN 53151	: Gt 0 on various metal surfaces
	DIN 53151	: Gt 0 with 2K-acryl system
	DIN 53151	: Gt 0 with Basecoat system
	DIN 53151	: Gt 0 with Waterbased system

Processing:

Shake well before use. Ensure that prepared surface is clean, dry and free from grease. Cover adjoining surfaces. Spray at room temperature and from a distance of approximately 30 cm. Spray a continuous coat. Recommended drying: IR- or oven drying. Drying at room temperature extends the drying considerable. After use, invert can and spray in short bursts to clear nozzle.

Storage:

The product may not be stored under +10°C and above +30°C. The packaging must be protected from direct sunlight and heat. Cool and moisture free stored the product is tenable for a maximum of 2 years in the unopened original packaging.

This data sheet is compiled to be of assistance but without guarantee. Users are responsible for safe working practices. Final determination of suitability of any material is the sole responsibility of the user.