

Stoneguard, grey

Description

Stoneguard grey is a solvent-containing, viscous coating compound based on synthetic resins for spraying with outstanding hiding power. Special features of the material are that it is quick drying and can be painted over. After it is completely dry, the coating is resistant to abrasion, protects against corrosion and has excellent stoneguard and anti-drumming properties. The dried film adheres well to unpainted and painted sheet steel as well as plastics which have been coated with primer or filler. This product can be painted over using commercially available paint systems and when completely dry is good for grinding and is resistant to solvents.

By mixing the product with the original paint, Stoneguard gray can be colored to any shade desired.

Properties

- good covering power
- can be painted over soon
- extremely high UV resistance
- after drying, very easy to grind
- good anti-drum effect
- resistant to solvents (when fully dry)
- mixable with paint up to 30 % so that paint damage is less visible
- can be painted over wet-in-wet
- PVC compatible

Technical data

Odor	charakteristisch / characteristic
Viscosity at 20 °C	2200 mPas
Boiling point	137 °C
Density	1,2 g/cm ³ DIN 51757
Thermal stability	-25 bis 120 °C / -25 to 120 °C
Solids content	56 %
Flash point	30 °C DIN 53213 (Pensky-Martens, closed cup)
Processing temperature	15 - 25 °C
Risk of frost damage	nein / no
Through-drying	72 h
Shelf life	24 Monate / 24 months
Color / appearance	grau / grey
Wet coating thickness	1 mm
Recommended storage temperature	5 - 25 °C



Technical data

Base	Harze / resins
Rigidity	gut / good
pH value	7,5 (20°C)
Form	flüssig / liquid
Shelf life in original sealed container	30 Monate

Areas of application

Stoneguard gray is used on visible parts of the vehicle such as the sills, spoiler, rear and front facing panels and is used for chassis and bodywork components and plastic repairs as a protection against stone impact and corrosion from de-icing salt and moisture. Stoneguard gray is not suitable for coating elastic materials.

Application

The surfaces which are to be treated with Stoneguard must be thoroughly cleaned beforehand. Rust must be removed. The surfaces must be dry and free of wax, dirt and grease and extensively free of dust. The adhesion of Stoneguard gray is improved if the surface to be treated is roughened first. Stoneguard gray can be applied using the UBS spray gun, Part no. 6219 or the pressure-feed spray gun, Part no. 6220 with an operating pressure of 2 - 8 bar depending on the spray pattern desired. Shake contents of can vigorously before use. Do not leave partially used containers open as the material will form a skin on the surface.

Note:

Thick coats should not be applied within a single application. This normally requires 4 spray applications. If Stoneguard gray is to be painted over later on, the layer becomes increasingly hard, which means that any surface which has been treated with Stoneguard must be treated with adhesive primer for plastic, as for plastics.

When applying Stoneguard gray, the product can be colored by mixing in the original paint. However, no more than 30 % of the original paint should be added (paint plus hardener) in the case of paints containing solvent.

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Note:

Stoneguard gray contains solvent which etches substrates such as zinc spray or zinc-rich paint. For this reason, substrates should be pretreated with a suitable primer before applying Stoneguard.

Comment

Important

Do not spray onto moving parts and hot components such as mechanical joints, the engine, transmission, drive shaft, exhaust pipe, catalytic converter and brake systems.

A blocked spray gun can cause the can to burst.

Follow the operating instructions for the spray gun.

After use, clean the spray gun using the cleaner intended for the purpose.

After the product has been applied, it can be painted over using commercially available paint systems (base and clear lacquer) even after a short time (from about 20 minutes depending on the thickness of the coat).

"Wet in wet" painting followed by drying by heat (infrared or oven drying) at 60 °C does not cause blisters or produce cracks.

Stoneguard gray should always be painted over within 6 hours after application so that the paint layer can tie in with the surface before the coat has hardened.

Recommendation

For thin coats: within 1 hour

For thick coats: within 6 hours

Available pack sizes

1 l Can sheet metal 6106
D-GB-F-I-E-NL-P

Our information is based on thorough research and may be considered reliable, although not legally binding.