

Stoneguard, black

Description

Stoneguard black is a solvent-based, viscous coating compound based on synthetic resins for spraying and has 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.

Properties

- can be painted over wet-in-wet
- PVC compatible
- resistant to solvents (when fully dry)
- good covering power
- extremely high UV resistance
- after drying, very easy to grind
- high abrasion resistance

Technical data

Through-drying	72 h
Boiling point	137 °C
Thermal stability, short-term (up to 1 hour)	-25 bis 120 / -25 to 120 °C
Rigidity	gut / good
Processing temperature	15 - 25 °C
Base	Harze / resins
Color / appearance	schwarz / black
Solids content	56 %
Risk of frost damage	nein / no
Recommended storage temperature	5 - 25 °C
Density at 20 °C	1,2 g/cm ³ DIN 51757
Shelf life	24 Monate / 24 months
Viscosity at 20 °C	2200 mPas
Flash point	24 °C
Wet coating thickness	1 mm
Odor	charakteristisch / characteristic
Form	flüssig / liquid
pH value	7,5 (20°C)



Technical data

Shelf life in original sealed 30 months container

Areas of application

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

Application

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 largely free of dust.

The adhesion of Stoneguard black is improved if the surface to be treated is roughened first. Stoneguard black can be applied using the UBS Spray Gun, Part no. 6219 or the Compressed Air Can 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 containers open as a skin will form on the surface of the material.

Shake well before use.

Note

Thick coats should not be applied in a single application. 4 separate spray applications are the norm.

If Stoneguard black is subsequently painted over, the coating will become increasingly hard, i.e. the surface treated with Stoneguard should be treated appropriately with adhesive primer for plastic in the same way as a plastic surface would be.

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

Stoneguard, black

Comment

Note

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

A blocked spray gun can cause the can to burst.

The operating instructions for the spray gun must be followed.

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 black 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 hours

For thick coats: within 6 hours

Available pack sizes

1 l Can sheet metal 6110
D-GB-I-NL-P

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