STAR 200 (Matte Black)

Water-based matte black underbody anti-rust coating · Under Car Body Protective Coating Water-base

Description

STAR 200 is a water-based modified Nano Polymer with additives and natural minerals for spraying a matte black anti-rust coating on car underbodies. After spraying it forms a fast-drying, hard black film with excellent adhesion to metal, plastic, rubber and wood. Made under ISO 9001:2015.

Applications

- Apply over old or new paint to improve rust protection and waterproofing
- Concrete, brickwork, fiber cement, metal, wood and other surfaces
- Coat to protect against rust and reduce noise

Properties

- Permanently flexible, not brittle
- Fast drying, odorless while spraying, friendly to the environment and workers
- Durable, tough and strong with excellent adhesion
- Water-based, single-pack, easy to use
- Excellent resistance to water and salt-water immersion
- Does not attack rubber or plastic, neutral pH

Technical data

Property	Standard	Test result
Appearance	–	Grey-black cream; the film turns black when dry
Solids content	SS-133:1987	≥ 57%
Density	–	1.20–1.30 g/ml
Viscosity (Brookfield Viscometer)	–	1,500–3,000 cP
Water resistance, 24 h	SS-133:1987	No blistering, no peeling
Water absorption, 24 h	SS-133:1987	< 20%
Flexibility	–	Film does not crack
Drying time	–	1 h
Touch dry (hard film)	–	3 h
Heat resistance, 180 °C for 5 h	SS-133:1987	No blistering, no running
Adhesion to tile/concrete	ASTM D4541	≥ 1.5 N/mm²
Adhesion to wood	ASTM D4541	≥ 1.5 N/mm²
Adhesion to plastic	ASTM D4541	≥ 1.3 N/mm²
Adhesion to metal	ASTM D4541	≥ 1.5 N/mm²
10% salt-water immersion, 170 h	–	No blistering, no peeling
pH	–	Neutral

Property	Standard	Test result
Effect on rubber and plastic	–	Does not attack

Packaging and application rate

Product	Pack size	Application rate
STAR 200 (Matte Black)	25 kg / 200 kg	1.25–1.50 kg per car

Surface preparation

1. The surface must be sound, clean and dry, free of dirt, oil and grease.
2. Remove flaking or deteriorated paint. When coating over existing paint, clean with a high-pressure washer or grinder and let it dry before spraying.

Application

1. Stir STAR 200 until uniform before use.
2. Spray STAR 200 with an airless spray gun connected to an air compressor of at least 2 bar to coat the required surface.
3. For a second coat, wait about 1 hour for the first coat to dry.
4. Application rate: about 1.25–1.50 kg per car.

Cleaning

1. Clean tools and equipment with water immediately. If the product has dried, remove it with kerosene.
2. If the product splashes onto any material, wipe it off immediately with a damp cloth.

Storage

- Shelf life 12 months in a tightly closed container.
- Store in a shaded, dry and cool place, out of direct sunlight.

Safety in use

- STAR 200 is water-based and non-flammable.
- Avoid contact with skin and eyes. If contact occurs, rinse with clean water.
- Wear a mask while working.
- Wear gloves and goggles while working.

Warnings and limitations

- Do not apply STAR 200 on surfaces that are not dry.
- Drying time may vary with temperature, humidity and wind.
- Under normal working conditions, do not dilute STAR 200.

Standards and warranty

Made under ISO 9001:2015 and ISO 14001; Green Industry award · 5-year product warranty (contact sales for warranty terms).

Disclaimer The information in this document is based on the manufacturer's tests. Actual results depend on surface condition, spraying technique and environment. The manufacturer reserves the right to update this information without notice. The Safety Data Sheet (SDS) is available from our sales team on request.

Startex Trading Co., Ltd. · Company registration no. 0105541026058
22/44 Soi 9, Perfect Masterpiece Rama 9 Village, Motorway Road, Prawet, Prawet District, Bangkok 10250, Thailand
Phone 081-625-1678 · Add on LINE →
office.startexthailand@gmail.com · www.startex-trading.co.th