

Chassicot

TECHNICAL DATA SHEET



Description of the product

CHASSICOT is a combination of anticorrosive primer and final paint, based on alkyd resins. It presents strong adhesion, great resistance to washing-scrubbing and mechanical stress.

Recommended uses

It is applied on vehicles chassis.

Technical characteristics

Resin: Alkyd

Density: 1.15±0.04 gr/ml, depending on the shade (EN ISO 2811.01, 20°C)

Production Viscosity: 600±50 mPa.s (ISO 2884.02, 20°C)

Storage Viscosity: 600±100 mPa.s (ISO 2884.02, 20°C)

Solids b.w.: 59±3%, depending on the shade (EN ISO 3251)

Solids b.v.: 44±3%, depending on the shade (ISO 3233)

Flash point: 28±2°C (EN ISO 1523)

VOC (Volatile Organic Compounds): CHASSICOT belongs to the category B/e (Special finishes). EU Limit Value: 840 g/l. The ready to use product contains max. 630 g/l.

Shades

Available in red-brown (No 51), black (No 59), white (No 60) and grey (No 43, RAL 7040).

Properties

Adhesion (Cross Cut): 0-1 (EN ISO 2409)

Gloss 20°/60°: 70±20/ 88±8 (EN ISO 2813)

Hardness (König): 60±15 sec, after 7 days (EN ISO 1522)

Bend test (Mandrel): 3 mm OK (EN ISO 1519)

Impact Test: in/out 6±2/0-2 inch/pounds (ASTM D 2794)

Resistance to scratch: 9±2 N (EN ISO 1518)

Resistance to liquids (other than water): (EN ISO 2812.01)
No change is noted on the film

Resistance to Salt Spray: (EN ISO 9227)
30±5 µm: Very good protection for at least 250 hours
60±10 µm: Very good protection for at least 500 hours

Spreading rate

Dry film thickness per coat: Approx. 30±5 µm.

Spreading rate: 14.5±2.5 m²/Lt, per coat.

Application instructions

Surfaces should be cleaned very well, either with sand papering or sandblasting, from old paint, oil, rust, etc. and flaking parts must be removed. For removing or stabilizing the rust, previously apply **CHROTEX PRERUST** or **RUSTABIL** respectively. **CHASSICOT** is applied in 1-2 coats.

Application method: Spray, brush.

Diluent: **CHROTEX BRUSH SOLVENT** or **CHROTEX SPRAY SOLVENT**, depending on the application method.

Thinning: For application with brush: Dilute up to 15% v/v. [Application viscosity: 50±10 sec (DIN 53211/4 mm, 23°C) or 34±7 sec (EN ISO 2431/6 mm, 23°C)].

For spraying: Dilute up to 30% v/v. [Application viscosity: 25±5 sec (DIN 53211/4 mm, 23°C) or 72±20 sec (EN ISO 2431/4 mm, 23°C), Nozzle size: 1.6-1.8 mm, Air pressure: 2-3 bar].

Tools are cleaned immediately after application with solvent, soap and water.

Drying time

Set to touch: 12±4 minutes (ASTM 1640).

Dust free: 15±5 minutes.

Dry through: 7±1 hours.

Recoating time: After at least 14 hours.

Drying and recoating time may be prolonged under conditions of low temperature and high relative humidity.

Coating system

After the application of **CHASSICOT** we can apply **MOBILAC**.

Other systems may be applied, depending on the application.

Packaging system

It is available in 0.75 Lt and 2.5 Lt cans.

Storage

1 year, provided the cans remain closed and in normal storing conditions.

Health and safety

Please refer to the labeling mentioned on the can. In case more information is needed refer to the Material Safety Data Sheet.

Notes

- It is recommended to avoid application of the product at temperatures below 10°C, greater than 36°C and relative humidity higher than 85%.

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This issue replaces all others*

