

Pyrexal



TECHNICAL DATA SHEET

Description of the product

PYREXAL is a special paint with aluminium appearance for coating surfaces exposed to continuous high temperatures up to 600°C. It is applied in 1 coat on every kind of metal surface providing exceptional resistance.

Recommended uses

It is applied on metal surfaces, constantly exposed on high temperatures up to 600°C, such as exhaust pipes of cars and motorcycles, etc.

Technical characteristics

Density: 1.03±0.02 gr/ml	(EN ISO 2811.01, 20°C)
Production Viscosity: 15±3 sec	(DIN 53211, 4 mm/20°C)
Storage Viscosity: 16±4 sec	(DIN 53211, 4 mm/20°C)
Solids b.w.: 31±2%	(EN ISO 3251)
Solids b.v.: 17±1.5%	(ISO 3233)
Flash point: 25±2°C	(EN ISO 1523)

VOC (Volatile Organic Compounds): **PYREXAL** belongs to the category B/e (Special finishes). EU Limit Value: 840 g/l (2007). The ready to use product contains max. 760 g/l.

Shades

Available in aluminium shade (RAL 9006).

Properties

Adhesion (Cross Cut on metal): 1-3	(EN ISO 2409)
Bend test (Mandrel): 3 mm OK	(EN ISO 1519)
Hardness (König): 110±20 sec, after 7 days	(EN ISO 1522)
Gloss 60°: 25±5	(EN ISO 2813)
Resistance at high temperature (4h at 600°C): OK	(EN ISO 2813)

Spreading rate

Dry film thickness per coat: 20±5 µm.
Spreading rate: 8±1 m²/lt.

Application instructions

Surfaces are cleaned from rust and flaking parts are removed. The paint is applied directly on the metal surface without the use of an anticorrosive primer.

PYREXAL is applied in 1 coat.

Application method: Spray, brush

Thinning: No thinning is necessary.

Tools are cleaned immediately after the application with CHROTEx Spray Solvent, soap and water.

Drying time

Dry to touch: 35±5 minutes.

Complete hardening: With the increase of the temperature or at approximately 1 hour at 150°C.

Packaging

Available in 0.75 Lt cans.

Storage

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

Health and safety

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

*Issued: September 2021
This issue replaces all others*

