

2K PRO

Peter Kwasny GmbH, Heilbronner Str. 96
74831 Gundelsheim / Deutschland
Telefon: +496269 95-0, Fax: +496269 95-80
www.2k-pro.com / www.kwasny.com / info@kwasny.de

2K PRO

2K Epoxy Primer redbrown 400 ml

Art. Nr. 351851



Product

Description / Purpose

Universal 2-component Primer/Filler (Needs activation). Suitable for many substrates e.g. iron, steel, galvanized steel, aluminum and many plastic materials (possibly subject to pretesting). Cured coating shows very good corrosion resistance. Designed for coating of new components or repairs indoor and outdoor, respectively weather resistant.

Properties

- High quality 2K coating
- Excellent anti-corrosion properties
- Very good adhesion and filling properties
- Can be finished with all conventional 1K/2K paint systems, in particular with 2K Pro Topcoats

Material base

Two-component system consisting of resin and hardener

Colour

Red-brown

Gloss level

low gloss

VOC Value (EU)

640 g/l

Substrate

Iron (cleaned and sanded)

Steel (cleaned and sanded)

2K PRO

Cast iron (cleaned and sanded)
Galvanized steel (hot-galvanized, strip galvanized or electro-galvanized cleaned and sanded)
Aluminum (cleaned and sanded)
Non-ferrous metal (subject to pretesting)
Many plastics including reinforced plastics, PVC, ABS.
(Possibly subject to pretesting). Apply on cleaned and sanded surfaces. For best adhesion use a plastic adhesion promotor. Don't apply on PE and acrylic glasses.
Polystyrene. Applying on prepainted materials (subject to pretesting).
Old paint and factory paint (cleaned and sanded)
Suitable for wooden substrates (cleaned and sanded)

In general: Substrates must be dry and free of grease and dust and all rust needs to be removed.

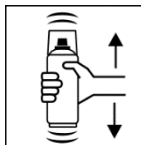
Processing

Protection measures



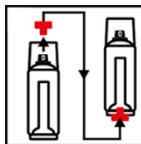
Wear personal protection equipment.
(respiratory mask/gloves/goggles)
For more information, see safety data sheet.

Shake



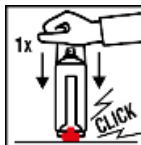
Before activating, shake can thoroughly for 2 minutes from when the mixing balls are heard.

Place red button



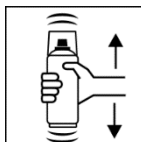
Remove the white button from the cap. Turn the can by 180° and fit the button onto the pin.

Press red button



Turn the can upside down and place on a firm surface. Press the white button with the palm of your hand until it clicks into place.

Shake



After activating, shake can again thoroughly for 2 minutes, again from when the mixing balls are heard.
Let the can rest for 15 minutes.

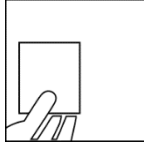
2K PRO

Spray Lock



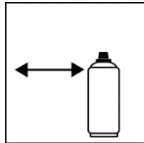
Remove the spray lock by first removing the spray nozzle.
Just place a screwdriver between the strap and lock ring.
Lever the safety catch gently upwards and out.

Spray to test



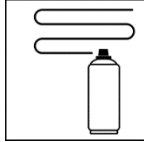
After shaking the can, test spray and check compatibility with the surface and the colour.

Spraying distance



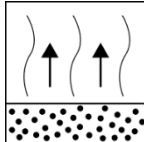
15 cm - 25 cm

Spray passes



approx. 2 - 3 spray courses
(Dry film thickness 70 - 100 µm)

Flash-off time



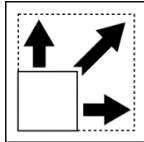
Flash time (inbetween 2 spray courses):
approx. 10 - 15 min

Processing conditions



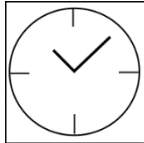
Optimum application at 18°C - 25°C and a relative humidity from 40 - 50 %.

Coverage



approx. 0,5 - 0,75 m² at 2 spray courses

Drying



dust dry: approx. 1 h

dry to touch: 3 - 5 h

Ready for sanding: 24 - 48 hours at 20°

Can be topcoated after 6 - 8 hours

Drying times can vary, depending on temperature and layer thickness.

The stated values refer to the above-mentioned processing conditions. The level of dryness is determined pursuant to DIN 53150.

Continue

To be finished/overcoated with conventional 1K/2K Top- or Clearcoats within 7 days. After 7 days clean and sand in advance.

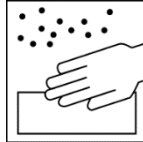
Don't apply 2K putties within first 24h.

2K PRO

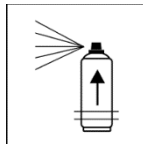
Pot life



Wet sanding with P 800



Dry sanding with P 400 - P 500

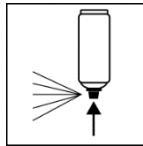


Don't use material longer than 48 h after activation at 20° C room temperature. The processing time depends on the ambient temperature. Higher temperatures reduce the pot life.

Activation initializes crosslinking reaction which consequently leads to gelling after pot life.

The product must not be used after pot life.

Finish



After painting, turn the can upside down and spray the valve until empty.

Additional Information

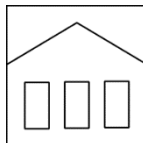
Important Information



Do not apply to acidic primers.

Avoid bumps, friction and impact.

Shelf Life



36 months (not activated)

Shelf life referring to an unused can that is stored correctly at a temperature of 15 - 25° C and a relative humidity below 60%. The can must be stored and transported in an upright position in a dry place where it is protected against chemical and mechanical influences. The safety information on the can and all statutory provisions applicable for the storage site must be fulfilled.

Disposal



After use: Completely emptied aerosol can be disposed in the recycling system. Aerosols with hardened material must be disposed as special waste.

Note

Identification, see safety data sheet.

The contents in this technical data sheet were created with great care and reflect our current state of knowledge. They provide the user with application-specific information and do not promise certain properties. The information is non-binding and we accept no liability for its integrity, accuracy and completeness. They do not relieve the user of their duty to check the suitability of our product for the intended purpose. The warnings printed on our labels must be respected. Our brands and patents are protected by copyright. All rights reserved We reserve the right to update, amend or supplement the content of the information without prior notice.