



ENVIRAL® Oberflächenveredelung GmbH · Altdorfer Weg 6 · D-14823 Niemege

Wir danken für Ihr Vertrauen!

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DATA SHEET

ENV 900 – ANTI-GRAFFITI coating

Substrate material:
Component measurements:

ENVIRAL® powder coating on aluminum, steel & steel galvanized

up to l = 13,600 x w = 2,500 x h = 4,000 mm
up to l = 17,500 x w = 1,000 x h = 2,000 mm

Exterior and interior application

Component weight:

up to 3,000 kg

Process:

transparent, glossy top coat over ENVIRAL® powder coating

Product description:

Surface pre-treatment and 2-layer surface coating on a chromium-, lead-, cadmium- and solvent-free basis with ANTI-GRAFFITI properties

Properties:

The pre-treatment chemistry of aluminum is tested and approved by the "Gütegemeinschaft für Stückgutbeschichtung".
The anti-graffiti powder coating does not have GSB approval.

- ANTI-GRAFFITI properties according to laboratory Dr. Kupfer, Gütegemeinschaft Anti Graffiti e.V., Berlin
- Weather resistant
- Good flow
- Chromium-, lead-, cadmium- and solvent-free

Application:

Coating of profiles, sheets and constructions made from aluminum, steel and steel galvanized for interior and exterior application

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Geschäftsführer Ing. Rainer Rogovits
Amtsgericht Potsdam HRB 7819
Ust.-IdNr. DE 166554396
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VR-Bank Fläming eG · BIC GENODEF1LUK
IBAN DE37 1606 2008 4105 6930 00



Notes and Process restrictions:

Recommended cleaning agent: Biolon G, Fa. Silco

Acetone or similar aggressive solvents should not be used for cleaning.

Due to the transparent ANTI-GRAFFITI top coat, there is a slight change in the base color.

Two-layer coating with up to 200µm layer thickness. Observe dimensional tolerances (e.g. glass strips).

Due to the reduced mechanical properties (2-layer coating), the usability of the coating must be checked on your own responsibility. Edging after coating is not possible. Drilling, milling, punching should only be carried out after your own tests.

In the case of difficult parts, the formation of drip noses may occur in the edging area.

Cavities and concealed areas (e.g. doublings) cannot be protected.

Color tones:

- Overcoating of all 180 RAL colors in smooth glossy finish
- Overcoating of other ENVIRAL® powder effects

Process description:

- Pre-treatment and powder coating of the base coat (see ENV data sheets ENV 100 ff, 200 ff and 300 ff).
- Curing
- 2. Layer: ANTI-GRAFFITI Powder coating
- Curing

Suspension:

According to our suspension recommendations (compare data sheet ENV 800)

Quality assurance:

Continuing process control and order-specific quality assurance, destructive and non-destructive

Packaging:

Noppa foam, air cushion film

Approvals:

Environmental Product Declaration according to ISO 14025 and EN 15804:

EPD-VDL-20160263-IAG1-EN: Polyester powder coating

EPD-VDL-20160264-IAG1-EN: Epoxy powder coating

EPD-VDL-20160265-IAG1-EN: Hybrid powder coating

EPD-GDA-20190070-IBH1-EN: Aluminum profile coated