

Adhex

TECHNICAL DATA SHEET



Description of the product

ADHEX is a two component wash primer used for the pretreatment of aluminum and galvanized surfaces. It is applied on a **thin coat** and creates **excellent adhesion conditions** for the painting system that will follow.

Recommended uses

It is used as a first coat on light metal (like galvanized steel, aluminum, etc) and iron surfaces to promote the adhesion of the coating system that will follow.

Technical characteristics

Resin: A comp.: Polyvinyl Butyral

B comp.: Solution of phosphoric acid

Density (A+B): 0.88±0.02 gr/ml

(EN ISO 2811.01, 20°C)

Production Viscosity (A+B): 40±10 sec

(DIN 53211/4 mm, 20°C)

Solids b.w. (A+B): 18.5±1%

(EN ISO 3251)

Flash point: A: 14±1°C, B: 11±1°C

(EN ISO 1523)

VOC (Volatile Organic Compounds): **ADHEX** belongs to the category B/c (Primer). EU Limit Value: 780 g/l (2007). The ready to use product contains max. 770 g/l.

Shades

Light green.

Properties

–It has excellent adhesion on aluminum, aluminum alloys, on galvanized steel and on metal surfaces.

Adhesion (Cross Cutting): 0-1

(EN ISO 2409)

Spreading rate

Dry film thickness: Approx. 10 µm.

Spreading rate: 9±1 m²/lt.

Application instructions

Before the application, mix well component A and then add slowly and with constant stirring component B into Component A.

ADHEX is applied in 1 coat. A very thin film is required.

Mixing ratio: 4A: 1B b.w.

Pot life: > 20 hours (20°C) (EN ISO 9514).

Application method: Spray.

Diluent: A-1100.

Thinning: Dilute 40-60% v/v. [Application viscosity: 18±2 sec, (DIN 53211/4 mm, 20°C)].

Tools are cleaned immediately after the application with solvent A -1100.

Drying time

Dry: Approx. 30 minutes (ASTM D 1640).

Recoating time: 30 minutes.

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

Coating system

Over **ADHEX**, any water based or solvent based system can be applied.

Other systems may be applied, depending on the application.

Packaging

Component A is available in 0.6 Lt and 3.6 Lt cans. Component B is available in 0.150 Lt and 0.9 Lt cans.

Storage

1 year at least for Components A and B, 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.

Notes

- **ADHEX** is **NOT** an anticorrosive primer.

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This issue replaces all others*

