

## TECHNICAL DATA SHEET

# 760

## 4373... & 4372...

**Product name:** **EBEPHEN AC HS DECK 85**  
**EBEPHEN AC HS TOPCOAT 85**

**Properties:** High solid 2-component topcoat on acrylic resin-isocyanate basis, with excellent weather and scratch resistance, color tone stability and excellent resistance against aggressive atmosphere.

**Field of application:** Corrosion protection finishing for steel construction, as well as finishing and one coat coating for industry and machine varnishing.

**Color tone:** On request

### Technical data

**Binder:** Acrylic resin, isocyanate

**Solids:** Weight % >85  
Vol. %  $70 \pm 3$  acc. to color  
tone

**Pigment:** Colored pigments

**Mixing ratio:**

Weight 9:1  
Vol. 5:1

**Spreading rate – theroret. mean value:**

5 m<sup>2</sup> / kg for 80 µm DFT

**Hardener:** 996 / Art.no. 8381042.

**Practical consumption:**  
about 300 g / m<sup>2</sup> for 80 µm DFT

**Pot life:** about 4 hrs./20° C

**Diluent:**

7153/Art.no.9000830. or  
7251/Art.no.9000814.

**Delivered viscosity:**  
about 80 sec./ 4 mm DIN-Cup

**Density:** 1.7 – 1,9

**Cleaning:** Nitro cleaner 550

**Gloss:** glossy, satin gloss

**Drying:**

- Dust-dry - after about 1 hr./20° C
- Touch-dry - after about 3 hrs./20° C
- Fully dry - after about 8 hrs./20° C
- Repairable - after about 8 hrs./20° C
- Repairable - after about 4 hrs./40° C

**Temperature stability:**

Up to + 150° C (dry)

**Processing**

**Painting ground pre-treatment:**

**Iron:**

Sandblasting derusting SA 2 1/2 according to EN ISO 12944.

**Zincd iron:**

Degreasing, removing of contaminations and white rust.

**Aluminum:**

Blasting or abrading and degreasing or appropriate, chemical pre-treatment.

**Application:**

Airless-spraying, brushing, rolling

**Processing viscosity:**

Processable without dilution, if necessary, up to 5 % Diluent 7153 or Diluent 7251 can be added.

**Processing temperature:**

Do not process below + 5° C. The intrinsic temperature of the surfaces to be treated has to be doubtlessly above

the dew point of the surrounding air (see EN ISO 12944).

**Structure proposals:**

**For steel:**

- 1x Ebephen AC Grund HS 85 50-60 µm DFT
- 1x Ebephen AC Deck HS 85 50-60 µm DFT
- or
- 1x Ebepox Hydro Grund 50-60 µm DFT
- 1x Ebephen AC Deck HS 85 50-60 µm DFT

**For aluminum and zincd steel:**

- 1x EP Grundierfüller beige 50 µm DFT
- 1x Ebephen AC Deck HS 85 50-60 µm DFT

**Storability:**

Storable for 12 months in original unopened package at a storage temperature between + 5° C und + 30° C.

The information provided in the product description and in the processing instructions is based on data and experience to be considered as reliable for an expert under normal working conditions and in connection with the relevant practice. The expert assumes the processing risk.

Any change of the processing sequence, the environment conditions or the non-respect of recommendations can have a disadvantageous influence on the result. As we cannot influence the respective processing conditions, we explicitly do not assume any responsibility for the result achieved with the product and for the subsequent and side results whatsoever.