T E C H N I C A L   D A T A S H E E T
Specific information for technical planners and painters

REESA 2K-HS-Acrylic-Lacquer
REESA 2K-HS Hardener
REESA 2K-UV-Protection-Hardener

Material
REESA 2K-HS-Acrylic-Lacquer 6D240 is a high gloss and high solid 2-component finishing coat based on acrylic resin. The general application range comprises indoor and outdoor use. Emphatic note the high solid of this product, which makes it possible, to reach VOC-values in working order. For curing of the applied paint-film a forced drying is recommend. The resulting coat is chemical resistant, full-bodied and with high resisting power.

If desired, the UV-resistance of the coating film can be increased by the use of the REESA 2K-UV-Protection-Hardener 7D600 by a multiple.

Application
REESA 2K-HS-Acrylic-Lacquer 6D240 is used as a high quality finishing paint at industrial commodities on professional primed surfaces. Suitable objects for this purpose are municipal and commercial vehicles, cranes, construction machines, construction vehicles, container etc. (Please contact our technical advisors, if your experience particular application problems or have any questions).

Substrate test
See EN ISO 12944 – 4, part. 4 – 5.

Substrate condition
The substrate must be firm, stable, dry and clean. Non-adhesive, flaking and brittle paint coatings as well as rust, dust, rolling scale, oil, wax and other substances with a separating effect must be completely removed. Thoroughly degrease intact old coatings and then grind. The pretreatment measures required for vehicle painting should be applied for first and touch-up paintwork.

For industrial paintwork, see EN ISO 12944 – 4.

REESA – COATING SYSTEM

<table>
<thead>
<tr>
<th>Priming coat</th>
<th>REEPOXAN 2K-EP-Zinc-Dust 3F787</th>
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</thead>
<tbody>
<tr>
<td>Steel (sand-blasted) for greater protection against corrosion</td>
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<tr>
<td>Steel (sand-blasted, manually derusted, galvanized) and aluminium</td>
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<tr>
<td>REESA 2K-HS-Filling-Primer ZP 3D061</td>
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<tr>
<th>Intermediate coat</th>
<th>REESA 2K-HS-Filling-Primer ZP 3D061</th>
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<tbody>
<tr>
<td>REESA HS-Wet-On-Wet-Filler 5D240</td>
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</table>

| Finishing coat                     | REESA 2K-HS-Acrylic-Lacquer 6D240 |

Remark: The indications in this technical datasheet are based on practical experience. They are no substitute for checking the above materials for suitability yourself. If you have any questions concerning treatment suggestions, please ask our department responsible for technical applications. Owing to the wide range of potential applications and treatment procedures, a legal validity cannot be assumed from the data contained in this technical datasheet. In the event that a new addition reflecting technical progress is issued, the present edition will lose its validity. Edition date: March 2018
### TECHNICAL DATA

**Application range:** High-quality industrial and vehicle finishing lacquer (indoor and outdoor)

**Material type:** 2-component acrylic high solid (solvent-based)

**Quality series:** 6D240

**Hardener:**
- 7D031 / 7D031L (for all temperatures ≥ 25 °C)
- 7D600 / 7D600L (for all temperatures ≥ 25 °C)

**Mixing ratio:**
- 2 : 1 vol. parts / 2,5 : 1 weight parts

**Pot life:**
- Approx. 2 hours (at + 20 °C)  Time of reaction not necessary.

**Gloss grade:**
- high gloss

**Tinting:**
- All colour tones can be mixed with each other.

**Temperature treatment limit:**
- Minimum + 8 °C / Maximum + 30 °C (substrate, air, material)

**Treatment:**
- Spraying (airmix, E-static)

**Attention:** Metallic hues only processing while stirring. Metallic hues are not airless processable. Due to the application color differences are possible.

**Supply viscosity:**
- DIN 4 mm  85 sec.  (at 20 °C)

**Spray viscosity:**
- DIN 4 mm  20 - 22 sec. (compressed air)

**Spray nozzle:**
- 1,4 – 1,5 mm  (compressed air)

**Spray pressure:**
- 4 - 5 bar

**Thinner:**
- REESA Special-Thinner 8V019 (fast) / REESA HS-Thinner 8V080 (slow)

**Amount to be added:**
- approx. 3 – 5 % (Airless) / approx. 10 – 15 % (compressed air)

**Amount used / qm:**
- (Theoretical)  approx. 96 g /  (Practical)  dependent on loss

**Dry layer thickness:**
- 50 µm   (Wet film 90 µm)

**Drying time:**
- Dust dry  approx. 50 min.
- Dry to touch  approx. 4 hours
- Re-working  overnight

**VOC value:**
- Approx. 375 g/l  (depends on colour tone, incl. hardener)

**Volume solids:**
- Approx. 59 % vol. parts / L  (depends on colour tone, incl. hardener)

**Weight solids:**
- Approx. 70 % parts by weight / kg  (depends on colour tone, incl. hardener)

**Density:**
- Approx. 1,13 kg/l  (depends on colour tone, incl. hardener)

**Cleaning:**
- REESA Special-Thinner 8V019
- REESA HS-Thinner 8V080

**Storage:**
- Seal opened containers air-tight. Cool but frost-free.

**Shelf life:**
- Approx. 12 months in unopened original container.

**Labelling:**
- See safety datasheet according to EU Directives.