

ZG47/0735G0DN	EP Primer rapid matt 7035
ZH47/000000DN	EP Hardener rapid fast
ZH47/000001DN	EP Hardener rapid standard
ZH47/000002DN	EP Hardener rapid slow

<u>PRODUCT DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>APPLICATION</u>
<p>Standard primer, two-component epoxy, fast drying, with the possibility of being overcoated wet-on-wet with polyurethane enamels after only 15 minutes.</p> <p>In addition, this primer guarantees excellent adhesion and corrosion resistance on smooth and blasted steel surfaces, as well as on blasted aluminum and zinc surfaces.</p> <p>Advantages:</p> <ul style="list-style-type: none"> • excellent adhesion • high processing security • high coverage • fast rework possible • excellent mechanical and chemical resistance <p>Gloss level: Matt</p> <p>Package Life (unopened): 12 months component A 12 months component B</p> <p>Flash Point: Over +25 °C</p>	<p>Volume Solids*: 49 - 53 % Weight Solids*: 68 - 72 % *in mixture</p> <p>VOC (in mixture): 410 - 450 g/L</p> <p>Viscosity (in mixture): 30 - 60 sec /4 mm/20 °C (DIN 53211)</p> <p>Density (in mixture): 1,4 – 1,5 g/ml</p> <p>Mixing Ratio: By weight 4 : 1 By volume 2 : 1</p> <p>Recommended film thickness: Wet 125 - 200 µm Dry 60 - 100 µm</p> <p>Theoretical Coverage: At 60µm DFT 5,4 – 6,4 m²/kg</p> <p>Working Pot-life: 5 hours at room temperature</p> <p>Hardener: ZH47/000000DN ZH47/000001DN ZH47/000002DN</p> <p>Drying (60µm DFT / 65%RH):</p> <p>20 °C To touch approx. 30 minutes To handle approx. 6 hours</p>	<p>Primer for all kind of structural steelwork, e.g. in the chemical industry, hydraulic steelwork, in petrol chemistry, mining, shipbuilding etc.</p> <p>Conventional Spray: Air Pressure: 3 - 5 bar Tip: 1.3 - 1.8 mm Reduction rate: Generally, ready to use, if necessary, add a maximum 15 volume percent of VK47/000000DN.</p> <p>Airmix Spray: Pressure: min. 150 bar Air Pressure: 2 - 4 bar Tip: 0.011" - 0.015" Reduction rate: Generally, ready to use, if necessary, add a maximum 10 volume percent VK47/000000DN.</p> <p>Airless Spray: Pressure: min. 150 bar Tip: 0.011" - 0.015" Reduction rate: Generally, ready to use, if necessary, add a maximum 10 volume percent VK47/000000DN.</p> <p>Cleanup: Clean tools/equipment immediately after use with Thinner VK47/000000DN. Follow the manufacturer's safety recommendations when using any solvent.</p> <p>Application conditions: Temperature: +5 °C / +35 °C. At least 3 °C above dew point</p> <p>Relative humidity: 85% max</p>

SPECIFICATIONS

Surface Preparation

The surface is recommended to be blasted to Sa 2 ½ to DIN EN ISO 12944, Part 4. Blasted surfaces should be coated immediately.

If the part has previously been coated it should be sanded prior to application in order to achieve better inter-coat adhesion.

In any case the surface must be dry, and free from oil, grease, and any other contamination.

Testing: Due to a wide variety of substrates, surface preparation, application methods, and environments, the customer should test the complete system for adhesion and compatibility prior to full-scale application.

Repairing of transport damage:

Steel:

recommended surface preparation: Imperfections blasting after Sa 2 ½ of DIN EN ISO 12944, Part 4 is recommended, as well as repairing treat surfaces as above.

Product Limitations:

- Always keep containers closed.
- Thoroughly mix both components prior to use otherwise cure together with drying time, gloss and color will be affected.
- When recoating after 48 hours a light sanding/scuffing of the painted surface is required.

CAUTIONS

FOR INDUSTRIAL APPLICATION

Thoroughly review the product label together with the Safety Data Sheet (SDS) for safety concerns prior to using this product.

A Safety Data Sheet is available from your local Sherwin-Williams facility or distributor.

Note: Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, data and recommendations stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, The Sherwin-Williams Company cannot make any warranties as to the end result.