



# ONYX HD

## Jet black HB 203

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| <p><b>Product description</b></p> <p>Jet black ONYX HD waterborne basecoat.</p> <p><b>2004/42/II(d)(420)419:</b> The EU limit value for this product (product category: IIB.d) in ready-for-use form is max 420 grams of VOC per litre.<br/>The VOC content of this product is 419 g/l.</p> |
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| <p><b>Technical characteristics</b></p> <p>Shelf life: 60 months      Density: 0,979 g/cm<sup>3</sup>      Theoretical spreading rate: m<sup>2</sup>/l at 1 µm<br/> Colour: jet black      Solids content: 41,4 % by weight</p> |
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| <p><b>Pre-treatment</b></p> <p>Clean with PK 2000.<br/> Sand with P400 (sanding filler or well-cured, solvent-resistant old paintwork).<br/> Clean with PK 2000.<br/> Alternative: apply to R-M wet-on-wet filler or sealer.</p> |
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|-----------------------------|--------------------------|--|-----------------------------|---------------|-----------|------|--|---------------|-----------|------|-----------------|--|-----------|------|
|                             | <b>Mixing ratio</b>      | <p>Stir HB 203 on the mixing machine twice a day for 15 minutes.</p> <table border="0"> <tr> <td><b>ONYX HD mixing bases</b></td> <td><b>HB 002</b></td> <td>70 (vol.)</td> <td>71 g</td> </tr> <tr> <td></td> <td><b>HB 203</b></td> <td>30 (vol.)</td> <td>31 g</td> </tr> <tr> <td><b>HYDROMIX</b></td> <td></td> <td>60 (vol.)</td> <td>60 g</td> </tr> </table> <p>Mix HB 002 and HB 203 and homogenise the mixture. Then add HYDROMIX, stir the paint again and strain it.</p> | <b>ONYX HD mixing bases</b> | <b>HB 002</b> | 70 (vol.) | 71 g |  | <b>HB 203</b> | 30 (vol.) | 31 g | <b>HYDROMIX</b> |  | 60 (vol.) | 60 g |
| <b>ONYX HD mixing bases</b> | <b>HB 002</b>            | 70 (vol.)  | 71 g                        |               |           |      |  |               |           |      |                 |  |           |      |
|                             | <b>HB 203</b>            | 30 (vol.)  | 31 g                        |               |           |      |  |               |           |      |                 |  |           |      |
| <b>HYDROMIX</b>             |                          | 60 (vol.)  | 60 g                        |               |           |      |  |               |           |      |                 |  |           |      |
|                             | <b>Spray viscosity</b>   | 52 to 68 seconds ISO 4 cup at 20°C   |                             |               |           |      |  |               |           |      |                 |  |           |      |
|                             | <b>Potlife</b>           | <p>HB 203 colour mixed to formula: 6 months in a sealed plastic vessel.<br/> HB 203 ready for use: 1 week in a sealed plastic vessel.</p>  |                             |               |           |      |  |               |           |      |                 |  |           |      |
|                             | <b>Sprayguns</b>         | <b>HVLP gravity-feed spraygun</b> 1.4 – 1.5 mm      0.7 bar at the nozzle  |                             |               |           |      |  |               |           |      |                 |  |           |      |
|                             | <b>Application</b>       | <p><b>Solid colour:</b></p> <p>Spraycoats: 2<br/> Film thickness: 20 µm</p>  |                             |               |           |      |  |               |           |      |                 |  |           |      |
|                             | <b>Drying</b>            | <p>The drying time depends on climatic conditions and equipment used.</p> <p>Drying at 20°C: approx. 15 min.<br/> Drying at 60°C: approx. 10 min. + cooling</p>  |                             |               |           |      |  |               |           |      |                 |  |           |      |
|                             | <b>Infrared drying</b>   | <p>1st spraycoat: flash off at room temperature until mat.<br/> 2nd spraycoat: at 40-50°C (max 70°C) surface temperature to mat surface + cooling.</p>   |                             |               |           |      |  |               |           |      |                 |  |           |      |
|                             | <b>Further treatment</b> | Apply one of the recommended R-M clears. HB 203 may be overcoated with the same product or another ONYX HD basecoat provided that the indicated drying times have been observed.   |                             |               |           |      |  |               |           |      |                 |  |           |      |

Please refer to the EU Material Safety Data Sheet for product labelling as required by Directive 1999/45/EC and the respective national rules. The products are suitable for professional use only.

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