



YO-xxC363

AQUARIS Topcoat for flow-coating for exteriors oil effect

Renner Italia Spa - Via Ronchi Inferiore, 34 - 40061 MINERBIO (BO)

Main properties:

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|-----------------------------|----------------------|
| • Good wettability | • Natural/oil effect |
| • Stability in flow-coating | • Good flow-coating |

Versions:

| | | | | | |
|-----------------|-------------------|--|--|--|--|
| YO-05C363/----- | 05 gl. Colourless | | | | |
| | | | | | |

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| Recommended use: | • Windows |
| Application method: | Flow-coating, dipping tank |
| Product preparation: | Ready to use. Thinning with water at ratio 2-5% only if needed |

Chemical-physical characteristics at 23°C

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|--------------------------------------|-------------|
| Solid content (%) | 39 ± 2 |
| Specific weight (g/cm ³) | 1,03 ± 0,03 |
| Viscosity DIN 2 | 78 ± 5 |
| pH | 8,0 - 9,5 |

Application characteristics

| | | |
|---|------------|-------------|
| Recommended n° of coats | 1- 2 coats | |
| Recommended quantity per coat | min: 70 µm | max: 100 µm |
| Pause between coats | min: 3 h | max: 6 h |
| Spreading rate (m ² /liters) | 5-8 | |

General remarks

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| Drying at 23°C and UR% between 45 and 65: 250 µm | |
| Vertical stackability | 24-36 hours |

| Forced drying | | |
|-----------------------|--|------------|
| | Temperature | Time |
| Flash Off | T.A. | 15 minutes |
| Laminar air | 30°C | 90 minutes |
| Cooling | T.A. | 15 minutes |
| Vertical stackability | Just after downloading from the tunnel | |

Substrate preparation:

Wood surface must be previously treated with waterbased preservative/ wood stain with/without a coat of intermediate/basecoat AQUARIS range.

Application instruction:

Flow-coating: use diaphragm pump. Dipping tank: use stainless steel tanks only (e.g. AISI 304).

Sanding: Manual: • (220-240) | Orbital: • (220-240) | Automatic: | Brushing: • (220-240)

Overcoating:

Apply one coat of AQUARIS pigmented waterborne topcoat for exteriors.

Packing material:

It needs to be suitable for waterborne with coating film. Avoid polystyrene PVC and cardboard.

For further information on the coating with the water-based products of our range, refer to or ask for our handbook.

General remarks

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| <ul style="list-style-type: none"> Mix the product well before use. If stored in premises with temperatures between 5 and 35°C, the shelf life of the product is 18 months. During application, both for the product than for the substrate and the environment, temperature shouldn't fall below 15°C. The films that are formed below that temperature usually have chemical and mechanical resistances below the quality standard normally achieved. Coating leftovers (washing water, water from cabins, exhausted coat) must be disposed according to the regulations in force. Do not dispose into drains. Machineries must be cleaned straight after use with water. If dry coating films must be removed, use AY M460, let it act for one night, then rinse with water. |
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| What to do in order to... | Add | % of use | |
|---|----------|----------|---------------------|
| | | % | Grams per 25 litres |
| To reduce foam production in flow-coating | AY--M420 | 0,050 | 12,5 |
| Slow down drying time | AY--M450 | 2 - 5 | 500 -1250 |
| To prolong shelf life of used product | AY--M435 | 0,100 | 25 |