FoamStar® ED 2523

Ultra-low SVOC mid-range emulsion defoamer for medium to high PVC architectural coatings.

FoamStar® ED 2523 is an ultra-low SVOC emulsion defoamer designed for medium to high PVC coatings which offers an alternative to mineral oil based defoamers typically used in interior and exterior water-based architectural coatings.

Matt interior paint based on styrene acrylic paint

FoamStar® ED 2523 shows excellent defoaming performance and long term persistence.

| Sponge roller tests: | Rating: 1 = lots of foam / 5 = no foam |

Matt interior paint based on vinyl acetate paint

FoamStar® ED 2523 shows good defoaming properties and excellent efficacy after storage.

| Sponge roller tests: | Rating: 1 = lots of foam / 5 = no foam |

FoamStar® ED 2523: Characteristic Values

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>white emulsion</td>
</tr>
<tr>
<td>Solids</td>
<td>~ 27.5%</td>
</tr>
<tr>
<td>Viscosity</td>
<td>~ 2000 mPa.s</td>
</tr>
<tr>
<td>Density</td>
<td>~ 1.00 g/cm³</td>
</tr>
<tr>
<td>VOC</td>
<td>&lt; 0.1% acc. to EU 2004/42 (b.p. &gt; 250°C)</td>
</tr>
<tr>
<td></td>
<td>&lt; 0.4% acc. to US-EPA Method 24 (60 min 110°C convection oven)</td>
</tr>
<tr>
<td>SVOC</td>
<td>~ 2000 ppm acc. to TÜV test (acc. to DIN 11890-2)</td>
</tr>
</tbody>
</table>

Performance Highlights

- Excellent foam suppression in premium flat and semi-gloss paints based on acrylic, styrene acrylic and vinyl acetate binder systems
- Excellent long term stability
- Highly compatible
- No fogging

Sustainability Highlights

- Emulsion defoamer technology – does not contain mineral oils
- APEO-free
- VOC-free according to EU 2004/42 and US EPA 24 methods
- Ultra-low SVOC (approx. 2000 ppm)
- Low odour
- Designed to be used in paints with eco-labels
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