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**Technical Data Sheet**
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# 403L Silicone-Free Defoamer for Engineered Stone

Grades: 403L · Form: Silicone-free emulsion · Chemistry group: Silicone-Free Emulsion

## 1. Product description

Silicone-free fatty-alcohol-ether emulsion built for engineered stone (artificial marble) production. Clears surface foam quickly and strips micro-bubbles from fibres and suspended solids.

## 2. Typical properties

| Property | 403L |
|---|---|
| Appearance | White emulsion |
| Active content | 40.0±1.0 |
| Viscosity (25 °C, mPa·s) | 500-2500 |
| pH | 5.0-7.0 |
| Ionic type | Non-ionic |

Values in the table are typical and indicative. They describe the grade as normally supplied and are not a contractual specification; the values confirmed for your order are those stated on the order confirmation.

## 3. Typical applications

Engineered stone (artificial marble) · Quartz surface manufacture · Solid-surface panels · Processes where silicone is not permitted

## 4. Product characteristics

· Silicone-free
· Removes bubbles in engineered stone production
· Strips bubbles from fibres and suspended solids
· Low dosage, fast break
· Long-lasting inhibition

## 5. Addition and dilution

Typical addition is 0.05–0.5 % on the weight of the foaming system, established in your own trial at process temperature. Emulsion grades are normally diluted with water before addition and added continuously where the foam forms continuously. Diluted emulsions are used within the working shift; do not store them long term.

## 6. Packaging and storage

Supplied in the packing agreed for the order — drums, IBC totes or composite cartons for powder grades. Store in the closed original packing, out of direct sunlight, within 5–35 °C, and protect emulsions from freezing. Shelf life is stated on the product label; batches are traceable by lot number.

## 7. Safety and documentation

A model-specific GHS safety data sheet is issued on request for every model listed above; it is not reproduced here because classification follows the exact grade and the destination regulation. Handling guidance for the family: avoid eye and skin contact, use gloves and goggles, ensure ventilation, and do not discharge concentrates to drains.

## 8. Contact

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