

DEUREX® S 3001 W

TECHNICAL INFORMATION

- Chemical description:** Water-based emulsion of a micro-sized silica
- Applications:**
- Water-based paints, coatings and printing inks
Especially for heat and corrosion resistant paints, varnishes and coatings
 - Paper and foil industry
Coating of speciality papers and paper sacks
Antiblocking of packaging foils
 - Foundry and steel industry
Binding agent with regard to investment casting and ceramic mass
 - Construction industry
Additive for concrete, waterproofing and coating
- Properties:**
- Excellent abrasion resistance
 - Excellent chemical resistance
 - Excellent heat resistance
- Benefits:**
- Due to its extremely fine particle size it can be applied even in very thin layers and coatings
 - Perfectly suited for alkali-sensitive paints
- Processing:**
- Stir well before usage, consume quickly after opening
- Storage, shelf life:**
- Store at temperatures between +5 °C and +28 °C, avoid frost
 - Shelf life 6 month in closed original container

Technical data:

Colour:	White		
Form of delivery:	Liquid		
	IBC 1,200 kg, Drum 250 kg, Canister 10 kg		

	Minimum	Maximum	
Melting point (solid):		1.600 °C	LV 1 (ASTM D4591)
Solid content*:	39 %	41 %	LV 6
Particle size:		98 % < 1 µm	LV 5 (DIN ISO 13320)
Emulsifier system:	anionic		
pH-value*:	9.0	9.5	LV 10

* part of certificate of analysis

Alternative delivery forms:

- DEUREX® S 3001 M** – Nano-sized powder
- DEUREX® S 3012 M** – Micro-sized powder, 98 % < 12 µm
- DEUREX® S 3017 M** – Micro-sized powder, 98 % < 17 µm