

## **DEUREX® S 3001 W**

		TECHNICAL INFORMATION			
Chemical description:		Water-based emulsion of a micro-sized silica			
Applications:	-	<u>Water-based paints, coatings and printing inks</u> Especially for heat and corrosion resistant paints, varnishes and coatings			
	- -	<u>Paper and foil industry</u> Coating of speciality papers and paper sacks Antiblocking of packaging foils			
	-	<u>Foundry and steel industry</u> Binding agent with regard to investment casting and ceramic mass			
	-	<u>Construction industry</u> Additive for concrete, waterproofing and coating			
Properties:	- -	Excellent abrasion resistance Excellent chemical resistance			
Benefits:	-	Excellent heat resistance 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: Form of delivery:	White 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:		<b>DEUREX® S 3001 M</b> – Nano-sized powder <b>DEUREX® S 3012 M</b> – Micro-sized powder, 98 % < 12 μm <b>DEUREX® S 3017 M</b> – Micro-sized powder, 98 % < 17 μm			

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