

General description: Silztek is a clear liquid, alkaline reaction, freely mixed with water.

Qualitative parameters of the product:

Parameters	Units	Silztek 6	Silztek 9	Guaranteed
Density (20°C)	kg/m ³	1500 - 1510	1500 - 1550	1500 - 1550
Molar ratio SiO ₂ /Na ₂ O	-	1,80 - 2,10	1,95 - 2,05	1,95 - 2,05
Content of Na ₂ O	%	-	-	-
Content of SiO ₂	%	-	-	-
Dry matter (% Na ₂ O + % SiO ₂)	%	-	-	-
Viscosity (20°C)	mPa.s	-	min. 250	min. 250

Packing: It can be packed in 200 l PE barrels, 1000 l PE containers, in bulk in railway tanks or tank trucks or in steel or PE package provided by customer from 50 l and higher.

Applications: The modified sodium water glass, which is used as a deflocculant - plastificator for preparing a wide range of slips - ceramic dispersions, where ensures appropriate rheological properties after addition. A suitable modification of intermediate product for the production of silztek 6 achieves the amplification and extension of deflocculation mechanism - plastification. The product enables an electrostatic stabilization of ceramic suspensions. It is suitable for plastification of ceramic suspensions for spray drying of suspensions processed by moulding method. It is used as an intermediate product for composite liquid plastificators in the production of ceramic wall and floor tiles and sanitary ceramics.

Storage: Store in an original, undamaged and well-closed package or large scale tanks.

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Vodní sklo, a.s. | Praha 1 | Nové Město | Krakovská 1346/15 | PSČ 110 01 | IČ: 279 21 662

pobočka: Brno | Dornych 47 | PSČ 656 16 | tel.: +420 530 530 000 | fax: + 420 530 530 002 | e-mail: info@vodnisko.cz | www.vodnisko.cz
pobočka: Ústí nad Labem | U Tonasa 172/2 | PSČ 403 31 | tel.: +420 475 245 362 | fax: + 420 475 507 164 | e-mail: info@vodnisko.cz | www.vodnisko.cz