

An agent lustering concrete surfaces, based on modified polymers.

Product description	Water-based, synthetic polymer polish, which thanks to small sizes of its particles and their low weight, enables deep penetration of concrete surface. It allows to increase scratch resistance of floor and to obtain non-slip effect. It also allows to get a high gloss without polishing. An unique, counteracting of stains arising additives penetrates micro-pores of concrete and creates chemical compounds, giving long-lasting protection against dirt of majority organic and inorganic substances, additionally is perfect for concrete floors securing against spilled products absorption.		
Scope of application	The agent is designed to be used on the smoothly finished exterior concrete floorings, coated with silicate hardeners such as Duroxil, Litoxil and Litoxil Max where high gloss is required. The preparation can be applied to floors older than 28 days, previously coated with liquid silicate hardener in such buildings as warehouses, conference, commercial and distribution centres, shops, restaurants etc.		
Properties	<ul style="list-style-type: none">• 24-hour protection against spills caused by majority of organic and inorganic goods encountered in food stores, warehouses, distribution centres and restaurants,• increases floor slip resistance,• improves concrete floor aesthetics (high-glossiness, possible to maintain by scrubbing), resistance to scratches and periodic exposure to hot oil,• makes it possible to remove a spilled substance without harm to the protected area. In some cases, when protective layer can be damaged, then spilled substance should be removed and coating reapplied.		
Product features			
Appearance	milky-white liquid		
Packaging	canisters – 5l, 20 l; barrels - 200 l		
Shelf life	Shelf life of the product is 12 months (is listed on the package).		
Storage conditions	Store product in a dry places at temperatures between +4 °C to +38 °C.		
Technical Data			
Color	Milky-white		
Odor	Nice		
Clarity	Opaque		
Emissions of volatile organic compounds (VOC)	<400 g/l		
Bulk density	1,0 kg/l		
Vapor pressure	< 17,0 mm Hg at 20°C		
Static coefficient of friction (ASTM D-2047)	> 0,5		
Color	Milky-white		
Resistance to staining after 24 hours impact of aggressive substance. Stain intensity scale: 0 - 6 (0 = no staining, 1 = very light, 2 = light, 3 = moderate, 4 = intense, 5 = very intense, 6 = slight surface etching)	Name of aggressive substance	Uncoated concrete	Concrete treated with liquid silicate hardener
	Apple vinegar	6	0
	Marinade	6	0
	Used motor oil	5	0
	Cooking oil	4	0
	Mayonnaise	3	0
	Yellow mustard	3	0
	Red wine	2	0
	BBQ sauce	1	0
Application			
Coverage rate	Typical yield after dilution is between 12-36 m2 / l, which corresponds to consumption of 0.03 - 0.08 l/m2.		
Substrate preparation	The surface should be clean, dry, pre-treated with liquid silicate hardener (a minimum of 48 hours before application of SILOXIL); residues of grease, oil, maintenance formulations and other debris should be removed.		
Applying	<ul style="list-style-type: none">• mix thoroughly the product before use,• formulation should be diluted depending on porosity of the floor and the desired degree of surface sheen; more porous surface requires a higher concentration of solution (typical preparation dilution: 2 parts of product and 1 water part), and less porous needs more diluted preparation (typical: 1 part of product to 2 water parts). It is recommended to test solution samples having various degrees of the preparation dilution in order to determine the optimal concentration,• applying of the product is performed in two stages: first, using low-pressure a manually powered sprayer and next, unification of distribution by using of an applicator equipped with a microfiber cap (which should be soaked in the solution prior to use); polishing isn't required.		

	<ul style="list-style-type: none"> the best results are obtained by applying two coats of the product, but it is acceptable to make a single layer, before the second layer applying, is to be checked if the surface is completely dry; usually it takes 1 to 2 hours, but high humidity and low temperatures may increase the drying time, walking traffic may be allowed after complete drying, in order to ensure optimum effects, coated surface must remain dry for 24 hours and the feature to prevent stains are obtained after 72 hours.
Application conditions	
Ambient temperature	minimum +4°C
Insolation	Do not apply the agent in full sunlight, in order to avoid it rapid drying.
Notes	Before use of SILOXIL, check expiration date marked on the package and read current product documentation. Do not use agent suspected of freezing. Attached documentation provides general information, applicable to some conditions of an implementation. Before a bigger scale of product use, buyer should execute its specific - object tests of application. Do not apply the product on frozen surfaces, covered with puddles of water and dirty.
Maintenance	
Cleaning	Regularly clean floor using water with detergents – containing no amines and no ammonia.
Polishing	Restore shine and eliminate scratches by dry polishing.
Notices and recommendations	
Health and safety conditions	All instructions and warnings placed on labels and product data sheet, should be read and understood before its application. This product is not classified as dangerous for man and environment, therefore when using the product the general rules of occupational health and safety must be complied with and the appropriate personal protective equipment must be used to minimize risks to the health or life of man. If ingested, immediately seek medical attention, and drink large quantities of water or milk and do not induce vomiting. In case of contact with eyes, for about 15 minutes rinse eyes with running water (remove contact lenses previously). The places of contact with skin wash off with soap and water, do not attempt to neutralize with chemical substances. Contact your doctor, if irritation symptoms persist. When somebody experiences difficulties in breathing due to inhalation of vapors emitted during application of preparation, this person should be picked up to fresh air immediately and posses possibility for repeated rinsing of mouth and nasal passage (using water). If problem persist, consult your doctor.
Final remarks	<p>This instruction has been elaborated according to current state of knowledge and experience in scope of formulation application and refers to the product stored under specified conditions. Product documentation provides general information applicable to some conditions. Before using of the product at a large scale, it's recommended executing of application tests - by purchaser - in the real environmental conditions of object. Provider has no effect on types of uses, methods of application and conditions for an implementation existing on-site. So in respect thereof, product supplier responsibility for final work results, can not derive from this instruction.</p> <p>Date of issue: 01/2016.</p> <p>All previously issued Siloxil safety data sheets shall expire on the date of issue of this sheet.</p>