

**GRADASEAL S 8**  
EPOXY TOP COAT COVERING FOR  
DRINKING WATER TANKS

**PRODUCT DEFINITION**

**Two components, epoxy resin based hygienic epoxy top coat covering for drinking water reservoirs**

**AREAS OF USE**

Epoxy covering material that forms a strong surface against water and chemical abrasion in under and over ground drinking water pipes and reservoirs, water tanks and all areas requiring hygiene, does not grow bacteria, does not get mossed, is compliant with international food codex.

**PRODUCT SPECIFICATIONS**

Color	RAL colors
Appearance	Glossy
Thinner	
Solid Matter by Weight, %	100
Density	1,5 g/cm <sup>3</sup>
Usage Rate	0,3-0,6 kg/m <sup>2</sup>
Packaging	15 Kg A component + 5 Kg B component
Flash Point	>25 °C
Mixture Ratio	3 / 1
Application Methods	Brush, Roller, Airless Gun, Trowel
Mixture Life	30 minutes / 25°C
Shelf Life	1 year
Waiting Time Between Coats	12 hours / 25°C
Drying Time	Can be walked on after 12 hours in 25 °C
Tensile Strength (Concrete C25)	
Mechanical Strength	7 days
Shore D Hardness	75 (7 days / 25°C)
Equipment Cleaning	Epoxy Thinner

**SURFACE PREPARATION**

Application surfaces must be cleaned of oil, dust and dirt. Free particles on the surface, cement slurry on concrete surfaces and particles preventing adhesion must be cleaned. Sand blasting or mechanical scraping must be performed on metal surfaces.

**MIXTURE PREPARATION**

Being careful with the mixture ratios of A and B components, it must be mixed for at least 3-4 minutes with a low speed mixer until a homogenous mixture is obtained. **Ready for application after mixing.**

**COATING SYSTEM**

-Prepared mixture is applied by brush, roller, 500 micron air-airless paint gun for 2 coat applications or above total 500 micron air-airless paint gun for 3 coats.

**APPLICATION CONDITIONS**

-Surfaces must have sufficient strength. Compression strength of the concrete must be at least 25 N/mm<sup>2</sup>, tensile strength must be at least 1,5-2 N/mm<sup>2</sup>.  
-Concrete surface must be clean and dry, with less than 5% humidity. If the humidity exceeds this ratio, S 120 Humid Surface Primer for humid surfaces must be used.  
Application must be avoided in temperatures below -10°C and very humid ambiances.



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**Products recommended for use under :**

- PRIMER S 115 Epoxy Primer
- PRIMER S 120 Humid Surface Primer

**SAFETY**

This product is for professional use. Pay attention to the safety warnings on the package before use, see the product's Material Safety Know-How Index when needed. Do not inhale, avoid contact with skin and eyes, do not swallow, use proper work safety equipment. Take safety precautions for environment protection as well as fire and explosion danger. Apply in well ventilated areas.

**TRANSPORTATION and STORAGE**

- The product must be stored in 5-35°C.
- The product must not be subjected to direct sun light.
- Opened product must be stored in its own package, with its lid firmly sealed.

**NOTE**

GRADA reserves the right to make improvements/revisions on the product and this technical document in time. This Know-How Index renders invalid the Know-How Indexes published before, and is valid for 5 years. The user must ensure that the technical document they have is of the latest version, and contact our company when needed for querying about the validity of the document. Proper use of the product, validity of the application conditions and methods are under the user's responsibility. GRADA Epoxy Paint declines any warranty claims regarding the consequences, work accidents, direct or indirect damages or harm caused by not using the product as recommended. Packaging values stated above are the nominal values in the formulae standardized by GRADA. Under normal production conditions, there may be deviations in a level estimated in international standards.