

PRODUCT DATA SHEET

Sikagard[®]-61 TZ

EPOXY SPLASH ZONE COATING

DESCRIPTION

Sikagard[®]-61 TZ is a high performance solvent free, two part epoxy coating fortified with high quality self-leaving glass flakes designed to provide corrosion resistance and abrasion protection in extreme service applications. This specially designed epoxy system has very high penetrating properties, flexibility and adhesion on wet concrete and steel substrate.

USES

Sikagard[®]-61 TZ is designed to provide corrosion protection for metal and concrete structures in offshore marine and petrochemical services, sheet piles, underground and submarine pipes, waste water tanks, jetty piles, underground tanks and other structural steel that requires protection against corrosion in aggressive environment.

It is most suitable for use where concrete surfaces are damp and cannot be dried out. Suitable for maintenance of splash and tidal zones.

CHARACTERISTICS / ADVANTAGES

- Deep penetration into concrete surface to avoid peeling
- High build – can be applied up to 250 microns in one coat
- Self-leaving glass flakes for increased impermeability
- Good resistance against mild chemicals
- Excellent adhesion to wet surface
- Cures under water after application
- Cures at low temperatures
- Excellent flexibility

PRODUCT INFORMATION

Packaging	5 kg set
Appearance / Colour	Semi gloss concrete grey (other colours available on request)
Shelf Life	2 years from the date of production
Storage Conditions	Store properly in original, unopened and undamaged sealed packaging in dry conditions. Keep away from direct sunlight.
Density	~1.5 kg/l mixed depending on colour
Solid content by volume	97 ± 2 %

APPLICATION INFORMATION

Consumption	~3.0 m ² per kg at 200 microns DFT Recommended 2 coats
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Layer Thickness	200 microns DFT (500 microns for severe environment)	
Pot Life	60 minutes (varies with temperature)	
Waiting Time / Overcoating	16 hours min. / 3 days max. at 30 °C	
Drying Time	At 30 °C,	
	Dust free	6 hours
	Hard dry	16 hours
Applied Product Ready for Use	7 days (full cure)	

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Remove oil or grease from surface to be coated. Surface to be free from loose and friable materials.

Steel

For maximum protection, sand blast to remove surface contaminants and create surface profile about 50 to 75 microns.

Concrete

Wet blasting or high pressure water jet blasting is recommended to remove surface contaminants before application of coatings.

APPLICATION

Mix part A thoroughly then mix in part B and mix till homogeneous. Do not break sets.

Thinning is not recommended.

Sikagard®-61 TZ can be applied by brush, roller or spray.

CLEANING OF TOOLS

Clean all tools and application equipment with Thinner-C immediately after use. Hardened or cured material can only be mechanically removed.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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