

Decorative Granulated Stone

DESCRIPTION:

StoneTop is a decorative interior/exterior flooring system. It uses natural crushed stone carefully washed and sized by a multiple screening process and further purified to provide a stunning platform for a strong and superior floor.

StoneTop is a monolithic flooring product that does not require any control joints or grout lines. A pallet of colors depending on natural stone hues provides a freedom of design to allow combination of shapes and colors that would enhance any application. Useful for new construction or renovations, **StoneTop** is a good choice for showrooms, plaza & sidewalks, retail stores, art galleries, schools, and other public areas.



ADVANTAGES:

- Unlimited design possibilities.
- Will not puddle or flood.
- Anti skid and slip resistant for wet area especially around swimming pools
- Easy to clean and maintain.
- Durable and long lasting and will not fade.

SURFACE PREPARATION:

Over New concrete: Freshly poured concrete should cure for a minimum of 21 days and checked for humidity before applying. Where applicable a moisture vapor barrier should be installed. Any surface contaminants (oils, curing agents, etc..) should be removed mechanically before priming the surface.

Mixing:

Read all MSDS and precautions & instructions prior to mixing. Place 40 KG of stone aggregates in a tumbler & pre-mix for 10 minutes. Stir all liquid components thoroughly upon opening. Use a heavy-duty variable speed drill Mixer equipped with a jiffy blade to mix the pre-measured Part A and B for at least 2 minutes. Add liquid mixture to stones and blend for an additional 3-4 minutes until all stones are wetted. Make sure the total mix is homogeneous and the sides of the mixer are scraped and no material is sticking to the mixer.

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APPLICATION:

Determine the required depth prior to pouring. Spread the stone & resin mix using an adjustable rake then compact and trowel properly with a steel trowel.

PACKAGING:

5 + 1 gallons for resin, (20 Kg. bags for stone aggregates)

Manufactured by UNICA In Turkey

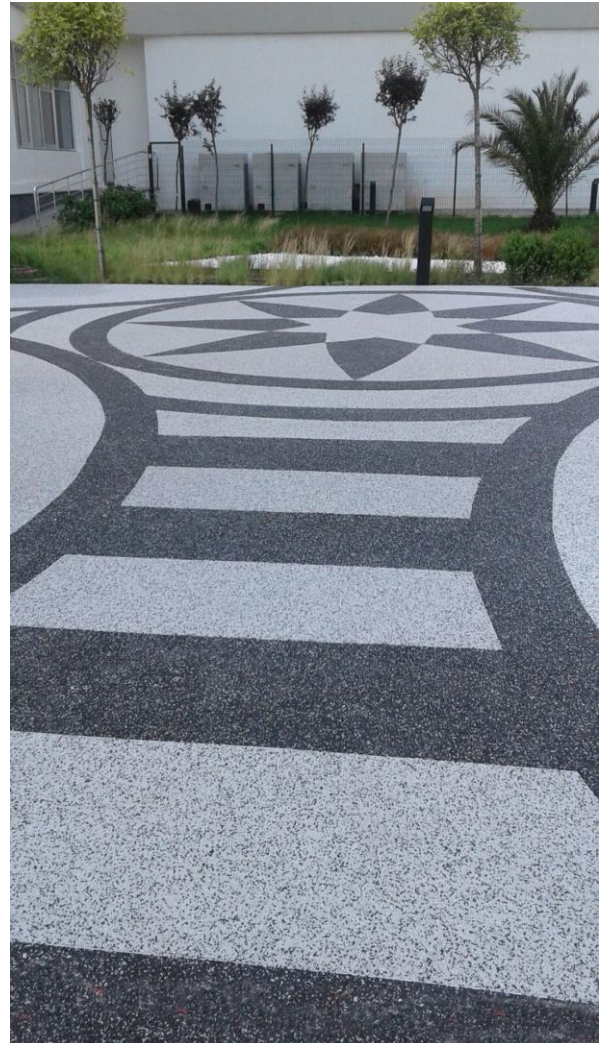
COVERAGE RATES:

Primer 10-12 m²/gln.

StoneTop 1 m²/20 KG mix.

CLEANING OF TOOLS:

Equipment and hands may be cleaned with solvent. Dry material can be removed with xylene following manufacturer's cautions.



CURING:

StoneTop Can be tack free in 5-8 hours at 20 degrees Celsius. Light traffic could be allowed after 24 hours. Full curing is expected in 72 hours based on prevailing temperatures.

Colors:

10 Basic colors of natural stone are available. Mixing of different stones provides a multitude of combinations.

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PHYSICAL PROPERTIES OF BINDER

Composition Two-component amine cured epoxy
 Color..... Clear
 Gloss: 60° 100
 Weight / Gal. 8.8 lbs.
 mixed
 Solids content 100%
 Mix Ratio 2A: 1B by volume
 Viscosity 1,000 cps. mixed approx.

PERFORMANCE PROPERTIES, CURED BINDER

Tensile Strength (ASTM D-638)..... 8000 PSI
 Elongation (ASTM D-63) 4.0%
 Hardness (ASTM D-2240)..... 79 (Shore D)
 Adhesion (ASTM D-4541)..... 300 PSI (concrete fails)

PERFORMANCE PROPERTIES, STONETOP

Bond Strength (ACI 503r) 300 psi (concrete fails)
 Water Absorption (ASTM C-413) 0.6%
 Flammability (ASTM D-635) Self-extinguishing
 Impact Resistance (MIL-D-3134F) 16 foot-pounds
 (concrete fractures)
 Indentation (MIL-D-3134F)..... No indentation

SAFETY

Material Safety Data Sheets are available from **TOPCRETE INTERNATIONAL S.A.R.L.** and should be consulted prior to use of the product. These products are intended for use by professionals only. Keep away from children and those not trained in the use and potential hazards involved

STONETOP is a two-part epoxy/Resin system. Part A contains epoxy resins. Part B contains polyamine epoxy adducts. Workers should wear gloves, goggles and body covering clothing when mixing or applying product. Clean up with soap and warm water. Be sure to follow all label and MSDS cautions.

For additional information, visit our website:

www.topcrete.com

or e-mail us at: info@topcrete.com

WARRANTY

TOPCRETE INTERNATIONAL S.A.R.L. warrants its products to conform to its manufacturing standards. **TOPCRETE INTERNATIONAL S.A.R.L.** will replace or refund the purchase price of non-conforming products at the seller's option; such remedy being exclusive of all others and sole remedy available to the buyer. Buyer hereby expressly waives claim to additional damages. Any claim under this warranty must be made in writing within 7 days of discovery of noncompliance and no later than one year from the date of delivery of product. No representative, distributor or applicator of these products is authorized to modify product data or warranty.

CHEMICAL RESISTANCE

Reagent

Acetic Acid 5%	L
Acetone	L
Bleach	L
Citric Acid-30%	R
Crude Oil	R
Diesel Fuel	R
Ethylene Glycol	R
Fatty Acids	L
Gasoline	R
Hydrochloric Acid-15%	R
Lactic Acid-15%	R
Methyl Ethyl Ketone	L
Nitric Acid-10%	R
Skydrol	R
Sodium Hydroxide 50%	R
Sulphuric Acid-20%	R
Toluene	L
Urea	R
Vinegar	L
Xylene	L

R – Recommended for continuous service

L – Limited recommendation, occasional spills

This chart is intended as an aid in evaluating the performance of these systems in various chemical exposures at 23°C. The data is intended as a guide only. In severe or combination exposures, a sample should be tested under actual or simulated use conditions.

IMPORTANT NOTICE

These products are sold subject only to the express warranties contained herein. There are no other warranties by **TOPCRETE INTERNATIONAL S.A.R.L.** of any nature whatsoever, expressed, or implied, including any warranty of merchantability or fitness for particular purpose in connection with this product. Buyer agrees that seller assumes no liability for remote or consequential damages of any kind which result from the use or misuse of this product information contained herein is based on data believed to be reliable, however, it is the Buyer's responsibility to satisfy itself of the suitability of the product for a particular purpose.

Resins Manufactured by UNICA IN Turkey

