



TEN-MINUTE TREATMENT

Product Information
Category: Surface Prep
2 1-qt. containers
1:1 A to B

Description and Use:

Granicrete's Ten-Minute Treatment crack bridging is a very rapid set, flexible, low viscosity urethane/polyurea specifically designed for the rapid repair of cracks or joints in concrete pavement.

Granicrete's Ten-Minute Treatment crack bridging is intended for quickly sealing and repairing cracks, separations and potholes in concrete pavement and rapidly returning the pavement back into service allowing traffic over the repair in minutes. The low viscosity of this product allows it to quickly and easily penetrate the substrate cracks and fractures in concrete producing an excellent seal against industrial chemicals, fuels, water and other contaminants.

This engineered product used in the following Granicrete Systems:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Floor Overlays / Micro-Topping | <input checked="" type="checkbox"/> 3D |
| <input checked="" type="checkbox"/> Interior | <input type="checkbox"/> Epoxy Flooring |
| <input checked="" type="checkbox"/> Exterior | <input type="checkbox"/> Shower FX |
| <input type="checkbox"/> Countertop | <input type="checkbox"/> Outdoor Islands |

Its significant characteristics include:

Granicrete's Ten-Minute Treatment (TMT) crack bridging is very low in viscosity allowing the product to deeply penetrates the concrete, find and fill fractures and seal the damaged area to prevent water intrusion and sub-base damage. TMT is intended to be quick fast setting, reducing working time, man hours and down-time. Traffic can resume in as little about 15 minutes.

- ✓ Quick Easy Crack Repair
- ✓ Stops Water Intrusion
- ✓ Creates a "Structural Repair"
- ✓ Chemical Resistance – Fuels, Industrial & Airfield Chemicals
- ✓ Drive Over in 10 to 15 Minutes
- ✓ Texture Over in 10-15 Minutes

Preparation:

Concrete must have 28-day cure.

V-grind the crack using a diamond blade with an angle grinder to widen the top and remove any loose pieces. Using an industrial vacuum clean out the crack before adding any sand. The crack needs to be clean and dry before applying any material.

Application:

Clean the area of debris and contaminants that would act as a bond breaker, oils, loose materials, dirt, rubber etc. Expose clean rough non-contaminated concrete. Make sure the area is dry.

Deep Cracks (larger than 1 inch wide) – Use large dry sand and layer about ¾ to 1 inch at the bottom and work up filling/flooding each layer with the product. Using a paint stick or margin trowel to push material down not allowing any air pockets to form. Continue adding sand and flooding each sand layer to assure complete saturation of the sand or pea-gravel/sand mixture.

Small to Medium Cracks – Fill the crack with medium dry sand. Using the tip of your index finger create a channel in the sand below the finish grade. The channel will help keep the mixture from flowing out of the crack. Pour Granicrete’s Ten-Minute Treatment in the channel making sure to saturate all the sand. Using a margin trowel or metal spatula scrape the extra material away from the crack leaving the repaired crack at finish grade.

Allow product to set about 10-15 minutes or until physical properties develop enough to support traffic. Grinding can be done within the hour of application so that surface is flat to rest of substrate.

Limitations:

Always gently shake or lightly mix each component before mixing them together. Mix less than 20 seconds with stir stick. Only need to mix 4-6 oz. of each per batch due to short pot life.

Do not use on wet surfaces or expose part A to moisture. This product is moisture sensitive and should not be applied to wet surfaces.

Hot conditions: the product will set considerably faster in hot conditions and slower in cold conditions. Do not use product that is hot. Keep out of direct sunlight and store the product in cool dry areas. If repairing an exterior crack use a shade structure to prevent the product from setting up too fast. **The product can also be chilled in a cooler prior to being applied to lengthen the pot-life to 5-7 minutes.**

Curing Time:

10-15 minutes for traffic and 20-30 strength development, final cure 24 hours. Able to be grinded within 15 minutes to one hour of applying with overlay following immediately after.

Technical Data:

<u>General Physical Characteristics</u>	
Solids	90%
Shelf Life	1 year
Hardness ASTM D2240	Shore A 50-60
Mix Ratio	1:1
Track Free ASTM D2471	4-5 minutes
Tensile ASTM D412	450 psi Exceeds Asphalt Strength
Gel Times	1-2 mins. @ 75°F
Elongation ASTM D124	180%-200%
Processing Temperature	70°F
Viscosity @ 25°C cps, mixed	70
Specific Gravity	A-1.108 B-0.847
Color	Black Only

Wear Personal Protective Equipment
Read SDS before using this product

DOT/Flash Point – Flammable Liquid Classification, regulated

Manufacturer/Distributor Warranty: As neither the manufacturer nor the distributor has control over the actual installation of this product, the manufacturer and distributor disclaim any and all warranties expressed or implied regarding color shade, appearance, and product performance at and after opening product containers. Manufacturer and distributor recommendations and suggestions are made without guarantee. Conditions of installer's and consumer's use of this product are beyond the control of manufacturer and distributor. Manufacturer and distributor disclaim any liability incurred in connection with the use of this product or information contained herein.

