

## Pavement Reinforcement Mesh

### Installation Procedures for GlasGrid® 8501, 8502, 8511, 8512 & 8550

#### Road Preparation

Complete all crack sealing, pothole filling, base repairs, leveling course applications, etc.

#### Road Surface Condition

Surface must be:

- Dry
- Clean and dust-free
- Between 5°C\* (40°F\*\*) and 60°C (140°F)

If tack coat is specified and approved by the manufacturer or their representative, then the tack coat should be used on the geogrid interlayer system.

#### Product Preparation

In order to preserve adhesive properties GlasGrid products **must** be stored inside a dust-free environment and kept dry at the job site.

A GlasGrid System representative **must** be present during installation.

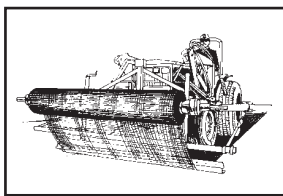
#### Two Easy-to-Place Methods

##### A. Using a Fabric Tractor

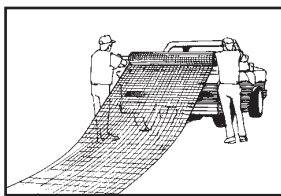
1. Load roll onto front of tractor. Always load the red-colored end of the core on the same end each time to allow placement of mesh with the self-adhesive side down.
2. Roll with rubber tired roller or with specially designed fabric tractor.
3. Pave.

##### B. Manual Placement Procedure

1. Load roll on back of pick-up truck. To ensure that the mesh will always unroll with the sticky side face down, load so that the red-colored end of the core is on the same side of the truck each time.



Fabric Tractor

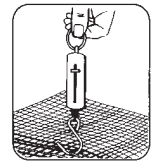


Manual Placement Procedure

2. Secure the roll with locking device.
3. Secure start of roll on pavement as the truck slowly moves away.
4. For shorter pieces pull mesh off roller to desired length. Cut with utility knife and lay by hand.
5. Roll **only** with rubber tired roller. Roller **must** be kept clean.
6. Pave.

#### Test for Proper Adhesion

1. Cut 1 m<sup>2</sup> (approx. 1 sq yd) of GlasGrid mesh.
2. Place on area to be paved.
3. Activate self-adhesive glue by rolling with a rubber tired roller.
4. Insert hook of spring balance under center of GlasGrid mesh piece.
5. Pull upwards until GlasGrid mesh starts to pull from the surface.
6. Record results in kg (or lb).
7. If 5 kg (approx. 11 lbs) or more, OK to pave. Stop immediately if GlasGrid mesh moves or ripples.



**If less than 5 kg (approx. 11 lbs),  
Do Not Pave with the GlasGrid System.**

#### Important Issues

1. Workers **must** wear gloves while handling GlasGrid products.
2. Lay GlasGrid mesh over ironworks, roll, and then cut using a sharp utility knife.
3. GlasGrid mesh **must** be applied without ripples. Sufficient tension during application will eliminate this problem.
4. Overlap at end of roll joints 75–150 mm (3 in.–6 in.). Ensure that the overlaps are shingled in the direction of paving.
5. Overlap longitudinal joints 25–50 mm (1 in.–2 in.).
6. Prior to paving, **only** construction and emergency vehicles shall be allowed to drive on the installed GlasGrid System.

\*All metric values are nominal. \*\*All imperial values are approximate.



**Tensor International Corporation**  
5883 Glenridge Drive, Suite 200  
Atlanta, Georgia 30328  
800-TENSAR-1  
[www.tensor-international.com](http://www.tensor-international.com)

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