

GlasGrid®

Pavement Reinforcement Mesh

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* and 60°C

Tack coats are optional. GlasGrid is self-adhesive.

Product Preparation

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

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

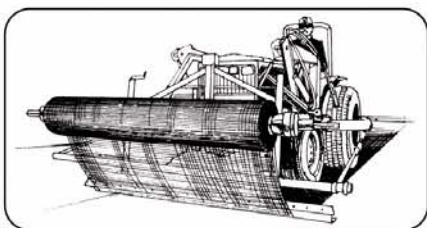
Two Easy-to-Place Methods

A. Using a Fabric Tractor

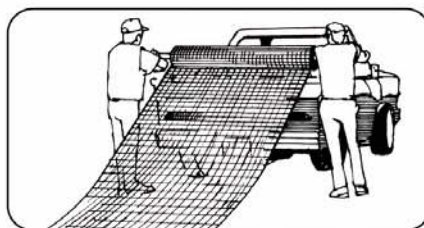
1. Load roll onto front of tractor. Always load the red colored end of the core on the same end each time to allow placement of mesh with the self-adhesive side down.
2. Roll with rubber tired roller or with specially designed fabric tractor.
3. Pave.

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.
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.



Fabric Tractor



Manual Placement Procedure

* All metric values are nominal.

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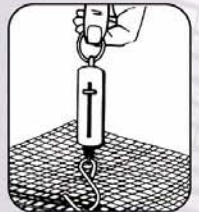
 **Geofabrics**
AUSTRALASIA PTY LTD
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installation procedures

for 8511, 8512 & 8550

Test for Proper Adhesion

1. Cut 1 m² of GlasGrid[®].
2. Place on area to be paved.
3. Activate self-adhesive glue by rolling with a rubber tired roller or by walking on the sample.
4. Insert hook of spring balance under center of GlasGrid piece.
5. Pull upwards until GlasGrid starts to pull from the surface.
6. Record results in kg.
7. If 5 kg or more, OK to pave. Stop immediately if GlasGrid moves or ripples.



If less than 5 kg, Do Not Pave with GlasGrid.

Important Issues

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

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U.S. Patent 4699542/4957390/5110627/5393559. Canadian Patent 1240873.
European Patent EP0318707. Japanese Patent 2611064.
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