



Complete Reinforcement System

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

Asphalt pavement surface temperature **must** be between 21°C* (70°F**) and 60°C (140°F). On asphalt surfaces less than 24 hours old, the surface temperature **must** be between 21°C (70°F) and 46°C (110°F). Local guidelines should be followed for paving temperature range. GlasGrid® TF (Tack Film) contains a tack film designed to enhance the bond between the fresh pavement surface and the overlay asphalt. A light tack coat may be required over an aged, oxidized surface.

Product Preparation

In order to preserve adhesive properties, GlasGrid TF **must** be stored inside a dust-free environment and kept dry at the job site. GlasGrid TF must not be transported or stored at temperatures greater than 82°C (180°F).

A manufacturer's representative **should** be present to support the initial installation of GlasGrid TF.

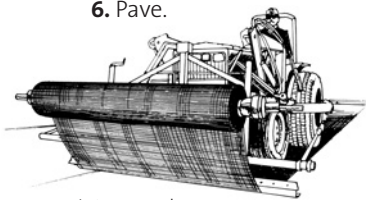
Two Easy-to-Place Methods

A. Using a Fabric Tractor

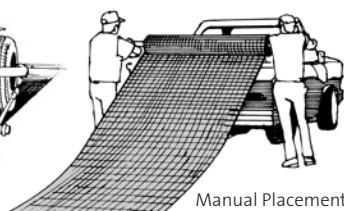
1. Load roll onto front of tractor. Always load the red colored end of the core on the right side of the installation vehicle to allow placement of the mesh with the self-adhesive side down and the tack film on top.
2. Roll **only** with rubber-tired roller to activate adhesive. Roller **must** be kept clean.
3. Pave.

B. Manual Placement Procedure

1. Load roll on back of pickup truck. To ensure that the mesh will always unroll with the sticky side facedown, 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 to activate adhesive. Roller **must** be kept clean.
6. Pave.



Fabric Tractor†



Manual Placement Procedure

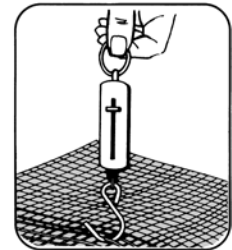
*All metric values are nominal.

**All imperial values are approximate.

†Preferred method is mechanical with tractor.

Test for Proper Adhesion

1. Cut 1 m² (approx. 1 sq yd) of GlasGrid TF.
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 through film and under center of GlasGrid TF piece.
5. Pull upward until GlasGrid TF starts to pull from the surface.
6. Record results in kg (or lb).
7. If 9 kg (approx. 20 lbs) or more, OK to pave. Stop immediately if GlasGrid TF moves or ripples. **If less than 9 kg (approx. 20 lbs), do not continue installation of GlasGrid TF without corrective action to address the issue.**



Important Issues

1. To activate the tack film, asphalt must be placed at a minimum of 140°C (284°F).
2. Because fiberglass is considered a skin irritant, workers should wear gloves while handling GlasGrid TF.
3. GlasGrid TF can be custom cut to fit around structures by using a sharp utility knife.
4. GlasGrid TF must be applied without ripples. Sufficient tension during application will eliminate this problem.
5. Overlap all end roll joints 75-150mm (3-6"). Ensure that the overlaps are shingled in the direction of paving.
6. Overlap longitudinal joints 25-50mm (1-2").
7. Prior to paving, only construction and emergency vehicles shall be allowed to drive on installed GlasGrid TF. If the GlasGrid TF/tack film becomes damaged, replace the material in this area.

In as much as Saint-Gobain ADFORS has no control over installation design, installation workmanship, accessory materials, or conditions of application, Saint-Gobain ADFORS does not warrant the performance or results of any installation or use of GlasGrid TF. This warranty disclaimer includes all implied warranties, statutory or otherwise, including the warranty of merchantability and of fitness for a particular purpose. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product for the particular purpose desired in any given situation.

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GlasGrid TF is manufactured at an ISO 9001:2008 registered facility of Saint-Gobain ADFORS.

GlasGrid is a registered trademark of SAINT-GOBAIN ADFORS. U.S. Patent 5393559. Canadian Patent 1240873. European Patents WO 2009/021040, WO 2009/021046, WO 2009/021051. Japanese Patent 2611064. Additional patents pending.



Pavement Reinforcement System

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

The road surface temperature **must** be between 5°C* (40°F**) and 60°C (140°F). On asphalt surfaces less than 24 hours old, the surface temperature **must** be between 5°C (40°F) and 46°C (110°F). Local guidelines should be followed for paving temperature range. The use of a tack coat is recommended. If a tack coat is specified, it may be applied before or after the installation of GlasGrid,® depending on site conditions. Tack must be completely cured prior to paving.

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 must not be transported or stored at temperatures greater than 82°C (180°F).

A manufacturer's representative **should** be present to support the initial installation of GlasGrid.

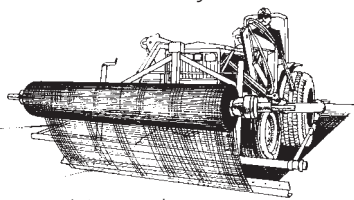
Two Easy-to-Place Methods

A. Using a Fabric Tractor

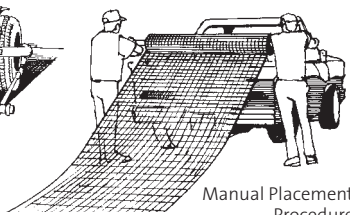
1. Load roll onto front of tractor. Always load the red colored end of the core on the right side of the installation vehicle to allow placement of the mesh with the self-adhesive side down.
2. Roll **only** with rubber-tired roller to activate adhesive. Roller **must** be kept clean.
3. Apply tack coat per project requirements and pave once fully cured.

B. Manual Placement Procedure

1. Load roll on back of pickup truck. To ensure that the mesh will always unroll with the sticky side facedown, load so that the red colored end of the core is on the same side of the truck each time.
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Fabric Tractor†



Manual Placement Procedure

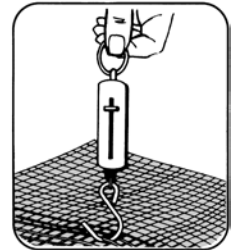
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Important Issues

1. Because fiberglass is considered a skin irritant, workers should wear gloves while handling GlasGrid.
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