



## Road Preparation

Fill cracks and depressions wider than 6 mm (0.25"). Repair all structurally distressed areas and ensure surface is clean and dry.

## Road Surface Condition

The prepared surface shall be either an evenly planed milled surface with limited "trough to crest" variance of 6 mm (0.25") or apply leveling course prior to the installation of GlasGrid (CompoGrid) CG.

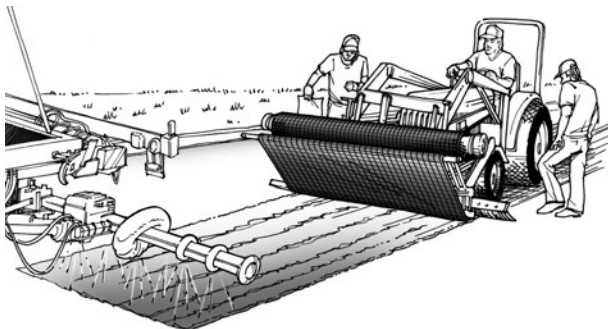
## Weather Limitations

- The road surface temperature shall be between 5°C\* (40°F\*\*) and 60°C (140°F).
- Extra care may need to be taken on surfaces less than 24 hours old and warmer than 46°C (110°F), as the mix has not yet solidified sufficiently to hold the material in place.
- Local guidelines should be maintained for paving temperature range.
- Fabric should not be placed if rain is likely during the overlay construction operations.
- High winds could affect uniform application of material.

## Application of Hot AC Tack (Bitumen)

A calibrated distribution truck capable of applying tack at a consistent rate over the pavement surface shall be used. PG 64-22 tack is generally recommended. Local environmental conditions may necessitate variation in tack coat type and rate. The actual type of tack and rate shall be determined by the Project Engineer. The application rate is dependent on several factors including existing surface conditions, ambient surface temperatures and the materials' asphalt retention rate of 0.9 l/m<sup>2</sup> (0.2 gal/yd<sup>2</sup>). The general recommended rate of distribution shall be 1.13 l/m<sup>2</sup> (0.25 gal/yd<sup>2</sup>) with +/-30% tolerance to accommodate the range of potential surface/environmental conditions.

GlasGrid CG shall be applied immediately following application of tack coat to achieve appropriate saturation of bitumen into fabric.



Inasmuch 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 CG. 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.

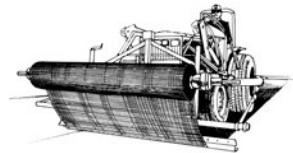
## Product Preparation

GlasGrid CG must be stored in a dust-free environment and kept dry at the job site. GlasGrid CG 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 CG.

## Preferred Paving Method - Using a Fabric Tractor

1. Apply tack coat per project requirements.
2. Load roll onto front of tractor. Always load product so non-woven side of fabric is down to facilitate tack absorption. (Adjust timing so some liquid tack penetrates the fabric.)
3. Roll **only** with rubber-tired roller. Roller **must** be kept clean.
4. Take extra care to minimize wrinkles.
5. Any wrinkles larger than 25 mm (1") need to be slit and lapped in paving direction. Press fabric down into tack coat for proper adhesion.

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



## Important Issues

1. Because fiberglass is considered a skin irritant, workers **should** wear gloves while handling GlasGrid CG.
2. GlasGrid CG can be custom cut to fit around structures by using a sharp utility knife.
3. GlasGrid CG must be applied with minimal wrinkles. Sufficient tension will help to eliminate this problem. Any wrinkles larger than 25 mm (1") need to be slit and lapped in paving direction. Immediately apply even pressure across the GlasGrid CG to set the material into the hot tack coat to ensure saturation of bitumen into the GlasGrid CG.
4. GlasGrid CG does not bend or stretch around curves. Shortened lengths should be placed in these areas.
5. Overlap at end of end roll joints 100-150 mm (4-6"). Ensure that the overlaps are shingled in the direction of paving.
6. Overlap longitudinal joints 50-100 mm (2-4").
7. Prior to paving, **only** construction and emergency vehicles should be allowed to drive on installed GlasGrid CG.
8. To reduce potential transfer of tack to equipment tires, asphalt or sand may be lightly distributed over the surface as directed by FHWA-HIF-11-010.
9. Extra care should be taken when paving at either end of the temperature range. For extreme heat, a higher grade of PGAC may be considered to address high temperature conditions.

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GlasGrid 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 5246306/5393559. Canadian Patent 1338347. European Patent EPO318707. Japanese Patent 2611064.