



# Sanigrig® II Ceiling Grid System | SAN

## Class A Fire-Rating per ASTM E-84

### Product

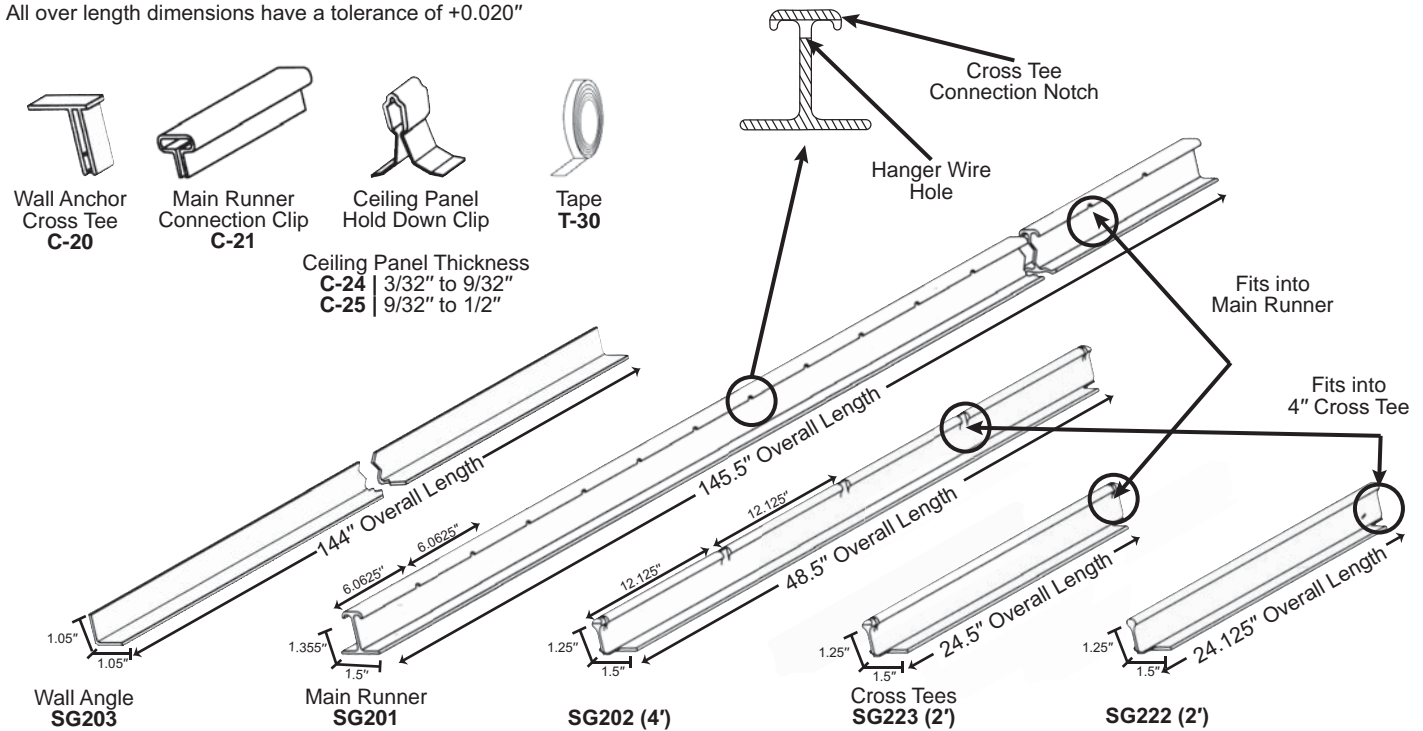
Sanigrig, the all-fiberglass ceiling grid system, is known for its moisture and corrosion resistance in high humidity installations. Sanigrig II is now easier to install, so it's an even smarter choice for areas where sanitation is important. It won't rust, pit, dent, or peel like metal grid systems.

### Easy to Install

The Sanigrig II system uses a series of pre-notched main tees and cross members to lock the grid together, eliminating the use of the time-consuming junction clips used with the original Sanigrig. The entire system goes together quickly, reducing the high installation cost previously associated with FRP grids. See installation guide #6244 for complete details.

### Part Names and Numbers

All over length dimensions have a tolerance of +0.020"

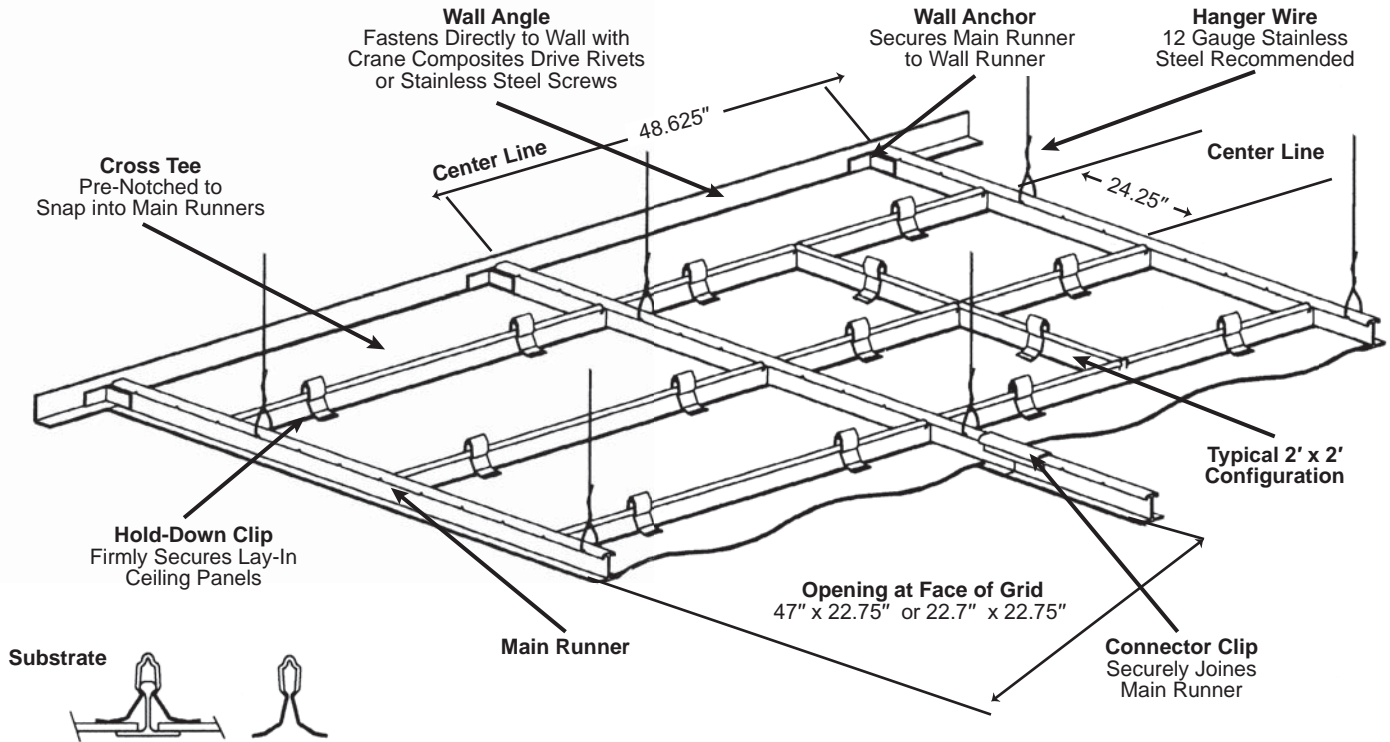


### Special Note

To accommodate light fixtures and other ceiling inserts, the Sanigrig main runners are spaced 48.60" on center and the 4' cross tees are spaced 24.25" on center. This spacing will provide a 23-3/4" x 47-3/4" or 23-3/4" x 23-3/4" opening at the top of the grid. This may affect ceiling layout. Check component sizes (above and below) and center lines before laying out ceiling plan. This may also affect light fixture positions and other trades above the ceiling line.

| Sanigrig II Grid and Glasbord® Ceiling Panel Sizes |                                    |                                      |                                    |                                    |                 |                                    |
|--|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|-----------------|------------------------------------|
| Grid Size  | Glasbord Panel                     | Glasbord Laminated Panel Thicknesses |                                    |                                    |                 |                                    |
|  |                                    | 1/4"   6.4 mm                        | 1/2"   12.7 mm                     | 5/8"   15.9 mm                     | 3/4"   19.1 mm  | 1"   25.4 mm and over              |
| <b>A</b><br>2' x 4'   0.6 m x 1.2 m                | 23-3/4" x 48"<br>0.6 m x 1.2 m     | 23-3/4" x 48"<br>0.6 m x 1.2 m       | 23-3/4" x 48"<br>0.6 m x 1.2 m     | 23-3/4" x 48"<br>0.6 m x 1.2 m     | Not Recommended | 23-3/4" x 47-1/2"<br>0.6 m x 1.2 m |
| <b>B</b><br>2' x 2'   0.6 m x 0.6 m                | 23-3/4" x 23-3/4"<br>0.6 m x 0.6 m | 23-3/4" x 23-3/4"<br>0.6 m x 0.6 m   | 23-3/4" x 23-3/4"<br>0.6 m x 0.6 m | 23-3/4" x 23-3/4"<br>0.6 m x 0.6 m |                 | 23-5/8" x 47-1/2"<br>0.6 m x 1.2 m |
| <b>C</b><br>2' x 2'   0.6 m x 0.6 m                | 23-3/4" x 24"<br>0.6 m x 0.6 m     | 23-3/4" x 24"<br>0.6 m x 0.6 m       | 23-3/4" x 24"<br>0.6 m x 0.6 m     | 23-3/4" x 24"<br>0.6 m x 0.6 m     |                 | 23-5/8" x 47-1/2"<br>0.6 m x 1.2 m |

A. Grid configured with main tees 4' O.C. and 4' cross tees interlocking main tees.  
 B. Grid configured with main tees 4' O.C. and 4' cross tees interlocking main tees and 2' cross tees (SG222) intersecting 4' tees (see back diagram).  
 C. Grid configured with main tees 2' O.C. and 2' cross tees (SG223) interlocking main tees.



| Per ASTM - C635   |                      |                     |
|-------------------|----------------------|---------------------|
| Rating            | Max for 2' x 4' Tile | Hanger Wire Spacing |
| Light Duty        | 20 lb.               | 4 ft/oc   1.2 m/oc  |
| Intermediate Duty | 40 lb.               | 2 ft/oc   0.6 m/oc  |
| Heavy Duty        | 60 lb.               | 1 ft/oc   0.3 m/oc  |

**CERTIFICATIONS**

Meets minimum requirements of major model building codes for Class A interior wall and ceiling finishes of flame spread ≤ 25, smoke developed 450 or less (per ASTM E-84)

**STORAGE**

All Crane Composites FRP products should be stored indoors.

**FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS**

The numerical flame spread and smoke development ratings are not intended to reflect alleged hazards presented by Crane Composites products under actual fire conditions and this product has not been tested by Crane Composites except as set forth below. These ratings are determined by small-scale tests conducted by Underwriters Laboratories and other independent testing facilities using the American Society for Testing and Materials E-84 test standard (commonly referred to as the "Tunnel Test"). CRANE COMPOSITES PROVIDES THESE RATINGS FOR MATERIAL COMPARISON PURPOSES ONLY. Like other organic building materials (e.g. wood), panels made of fiberglass reinforced plastic resins will burn. When ignited, FRP may produce dense smoke very rapidly. All smoke is toxic. Fire safety requires proper design of facilities and fire suppression systems, as well as precautions during construction and occupancy. Local codes, insurance requirements and any special needs of the product user will determine the correct fire-rated interior finish and fire suppression system necessary for a specific installation. We believe all information given is accurate, without guarantee. Since conditions of use are beyond our control, all risks are assumed by the user. Nothing herein shall be construed as a recommendation for uses which infringe on valid patents or as extending a license under valid patents. [www.astm.org/Standards/E84.htm](http://www.astm.org/Standards/E84.htm).

**LIMITATIONS**

Sanigrad has not been tested for compliance with seismic ceiling grid requirements.

Crane Composites panels may discolor when installed behind or near any heat source which radiates temperatures exceeding 130°F (55°C), such as cookers, ovens, and deep fryers.

Light fixture lens door dimensions should be compared to grid opening dimensions to insure compatibility

**NOTE:**

Light fixtures must be supported independent of the ceiling grid system. Opening at face of grid for light fixture lens door is 47" x 22-3/4" or 22-3/4" x 22-3/4".

Refer to Sanigrad II Installation Guide #6244 for complete installation details.

[www.FRP.com](http://www.FRP.com) | 1.800.435.0080 | 1.815.467.8666 (fax) | [salesbp@cranecomposites.com](mailto:salesbp@cranecomposites.com)

Crane Composites is the manufacturer of Glasbord, Sequentia, Sanigrad II and a variety of other fiberglass reinforced plastic (FRP) composite wall panels. Inspired by the Kemlite tradition, Crane Composites has over 55 years of experience in Commercial Building Products and is a recognized industry leader in FRP applications.



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