



**A BRIGHT, QUIET AND ENERGY EFFICIENT SOLUTION  
 FOR PARKING GARAGE APPLICATIONS.**

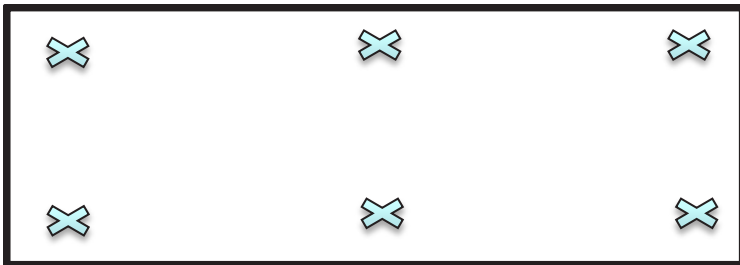
# CrossRock PG Installation Guide

CrossRock PG is semi rigid mineral wool insulation with a white polypropylene facing material. The product is attached to the ceiling of a parking garage for improved thermal performance, increased light reflectivity and an enhanced aesthetic appearance.

The facing material is available as either a permeable or impermeable material and consideration of vapor permeability must be made when selecting the appropriate product;

- 1) **CrossRock PG** – uses an impermeable facer
- 2) **CrossRock PG Pin Perforated** – uses a permeable facer

The fastener pattern indicated below should be considered for optimal aesthetic appearance.



### Fastener Types

- Insulation Fasteners such as Hilti, Ramset, etc.
- Mechanically fastened impaling pin and self locking washer.
- Adhesives with perforated plated stick pin and self locking washer.
- Note: Contact fastener manufacturer for adhesive or mechanical fastening installation recommendations.



### Fastener Considerations

To avoid pillowing of the facer material around the fasteners, it is recommended that the insulation not be over-compressed when installing the insulation fasteners or self locking washers.

In addition, it is recommended that pins be installed approximately 3” from the outer edge of the board (no more than 4”) in order to reduce pillowing of the facing and to maximize adhesion of seam tape.

### Facing Tape

- Contact manufacturer for tape recommendations.
- Ensure that facer is clean of contaminants before installing tape.
- Ensure adjacent pieces of insulation are aligned and flush.
- Install the tape along the seems and over the fasteners or self locking washers.

It is recommended to use a plastic hand applicator with sufficient application pressure to obtain full contact of the tape to the facing material.



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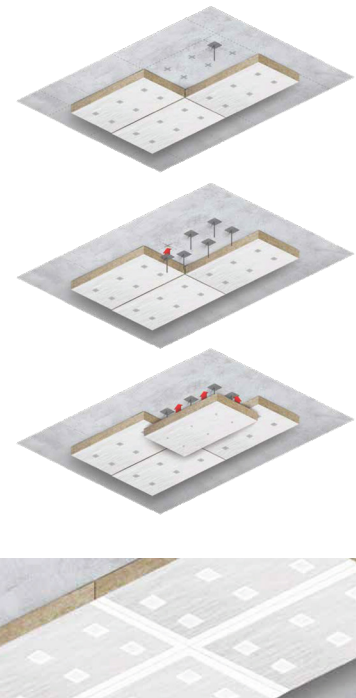
**Cleaning Instructions**

- The white polypropylene facing materials on the CrossRock PG can be cleaned with most over-the-counter and industrial cleaners. Note: Orange based cleaners and other products containing chlorine bleach and/or strong oxidizing agents should be avoided.
- When cleaning, it is suggested that dilute solutions be used and that the surface be wiped clean of any residual cleaner when finished. Dried residue on the surface of the facer will tend to attract dirt and dust after cleaning.
- The use of power washing equipment is not recommended as operating pressures can damage the facing material and drive moisture into the underlying insulation.
- For pin perforated CrossRock PG, it is recommended to apply the cleaner to a cloth or brush, rather than the facer, so the cleaner does not wick through the pinholes.

**Installation Details - Parking Garage Ceiling Installation**

Before starting installation of insulation, ensure the substrate is clear of any contaminants.

- **Measure the spacing** to mark the correct placement of the mechanical fasteners according to the prescribed fastening pattern.  
**Note:** CCI recommends a minimum of 5 fasteners per board; please consult the design requirements for the recommended fastening pattern.
- **Install the mechanical fasteners** into the substrate using the preferred attachment method according to the manufacturer’s recommendations.  
**Note:** Fastening tools are also available from some manufacturers in order to speed up the installation of the mechanical fasteners. Please contact those manufacturers for further information.
- **Install the CrossRock PG** product on to the mechanical fasteners. CrossRock PG can be cut by a serrated knife to position around any intrusions.
- **Apply the tape** as per manufacturer’s recommendations to the joints as well as over the washers.



**Edmonton, AB**  
 1-800-252-7986  
 edmsales@crossroadsci.com

**Calgary, AB**  
 1-800-399-3116  
 cgysales@crossroadsci.com

**Coquitlam, BC**  
 1-800-663-6595  
 coqsales@crossroadsci.com

**Fort McMurray, AB**  
 1-800-252-7986  
 edmsales@crossroadsci.com

**Toronto, ON**  
 1-800-268-0622  
 torontosales@crossroadsci.com

**Hamilton, ON**  
 1-877-271-0011  
 hamiltonsales@crossroadsci.com

**Kitchener, ON**  
 1-800-265-2377  
 kitchenersales@crossroadsci.com

**London, ON**  
 1-800-531-5545  
 londonsales@crossroadsci.com

**Sarnia, ON**  
 1-800-756-6052  
 sarniasales@crossroadsci.com

**Ottawa, ON**  
 1-800-263-3774  
 ottawasales@crossroadsci.com

**Montreal, QC**  
 1-800-361-2000  
 sac7000@crossroadsci.com

**Quebec City, QC**  
 1-800-668-8787  
 quebeccitysales@crossroadsci.com

**Dartmouth, NS**  
 1-877-820-2550  
 dartmouthsales@crossroadsci.com

**Regina, SK**  
 1-800-252-7986  
 edmsales@crossroadsci.com

Contact your Crossroads C&I representative to request a quote for your next project.