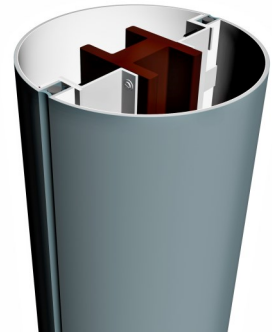




SYSTEM 5000 - HAIRLINE JOINT INSTALLATION GUIDELINES

RECEIVING AND UNLOADING

Unload panel crates/pallets with appropriately sized equipment to avoid damage to the panels contained within. Extended reach forklifts may be required depending on the crate/pallet size. Additional equipment may be needed if unloading with an overhead crane, or other equipment, in order to avoid damage to the product. Always use a spreader bar and slings in order to avoid crushing the crates.



Inspect all crates/pallets for any damage prior to unloading. Report any damage to the freight carrier, document the damage on the bill of lading and immediately report the damage to CMG. The receiving party must make all claims for any damage directly to the freight carrier upon receipt. CMG is not responsible for any damage after the product leaves the factory. The customer is responsible for filing a freight claim for any damage directly with the freight carrier within 24 hours of receipt. Failure to do so may result in the loss of the right to receive corrective action.

After unloading, open each crate and verify that the contents matches the attached packing list. Notify your CMG representative of any mismatches within 24 hours. Failure to do so may result in the loss of the right to receive corrective action.

STORAGE AND HANDLING

Store crates/pallets in a clean and dry location, and keep them protected from all outside elements and severe conditions. Avoid storing or carrying panels in a flat orientation. Always store and move panels in a vertical position.

INSTALLATION

Inspect all areas that will receive the panels and ensure that all substrates and underlying requirements are in place and that all surfaces are acceptable for proper panel installation. Do not begin installation until all conditions are acceptable. Remove panels from the crate and prepare for installation. Any required field modifications for penetrations, etc. should be done prior to panel installation.

Start with and install the half column with the keyhole slots and aluminum attachment clips. Install the column to structural framing leaving 1" clearance at the top. Make sure all fasteners are secure and tight (use two (2) fasteners per attachment clip). Install the adjoining half column by aligning the head of the bolts with the

upper opening of the keyhole slot of the previously installed half column. Adjust the depth of the bolts to allow for the thickness of the ACM material on the adjoining panel in order to provide for a tight hairline joint. Once positioned, attach and tighten a nut to each bolt to secure the position. Engage the panel so all bolts penetrate through the keyhole slots of the adjoining panel and pull down on the column so the shaft of the bolts are now positioned firmly into the bottom of the keyhole slots. The top and bottom of each column cover will line up when the bolts are fully engaged into the bottom of the keyhole slots.

Immediately after installation, remove the protective film from the panels. Panels left with the film attached and exposed may become difficult to remove. Panels left with partially removed film may become discolored.

CLEANING

General cleaning should consist of a solution of mild detergent and water applied with a soft cloth or sponge. This solution should immediately be rinsed off of the surface with an adequate rinse of clean water. Washing the panels from top to bottom will help to minimize streaking. It is recommended that the solution be tested on a small inconspicuous area before using on a large scale. Never use an abrasive device or cleaner on the painted finish. Aluminum reacts easily to acid or alkaline and both of these should be avoided. Check the composition of the cleaning material that you are considering using to ensure that they will not discolor or soften the coating. Do not use organic based solvents such as MEK (methyl-ethyl-keron) or tri-chrome – ethylene. Both of these solvents can cause peeling of the coating.

These guidelines are intended to illustrate the general installation procedures and requirements for CMG – System 5000. Each project may vary and require special procedures or details specific to that project only. Always refer to project specific details and directions, or contact your CMG representative for assistance.