



COATED METALS GROUP

SYSTEM 3000

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.

Reference the approved shop drawings and locate the principal components for panel system alignment, such as doors, windows, corners, soffits or other items that are critical in determining joint locations. Snap chalk lines in order to ensure that all installation lines are level and plum, and conform to the layout shown on the approved shop drawings.

Remove panels from the crate and prepare for installation. Any required field modifications for penetrations, etc. should be done prior to panel installation. Panel installation is progressive, both vertically and horizontally. Ensure that all panels are oriented correctly with directional arrows facing the same direction for all mica and metallic finishes that exhibit coil-coating grain flow and paint directionality. Select a starting location in accordance with the jobsite conditions outlined above regarding panel joint location.

Please refer to Reynobond Face Fastened Installation Guide (Attached) or visit:

https://www.alcoa.com/aap/north_america/catalog/pdf/specifications/FFS_Installation_Guidelines.pdf

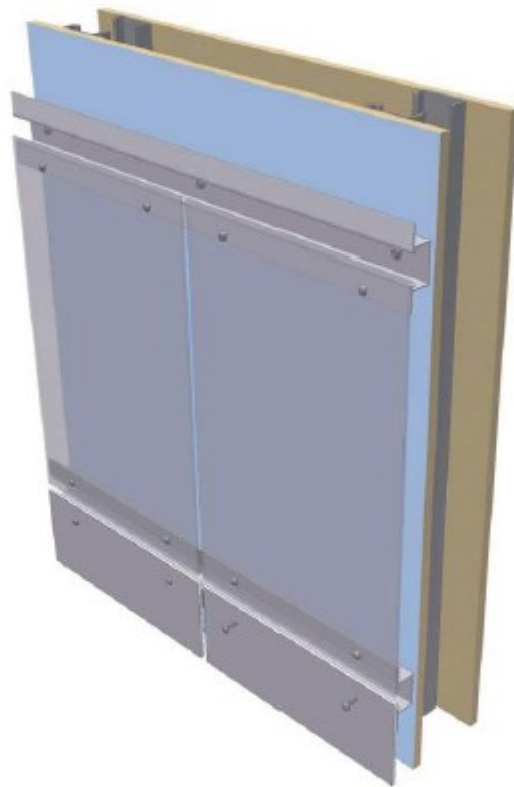
Immediately after installation, remove the protective film from the panels. Panels left with the film attached and exposed may become difficult to remove. Panels left with partially removed film may become discolored.

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 3000. 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.

Installation Guidelines



Face Fastened Solution

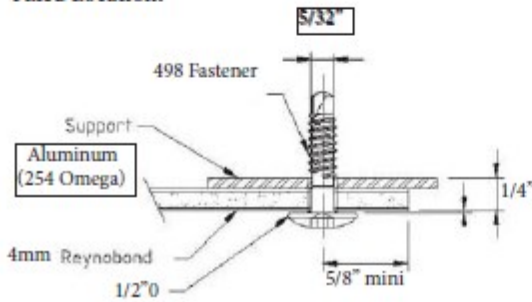




Expansion of the Reynobond® Panels Must be Allowed For.

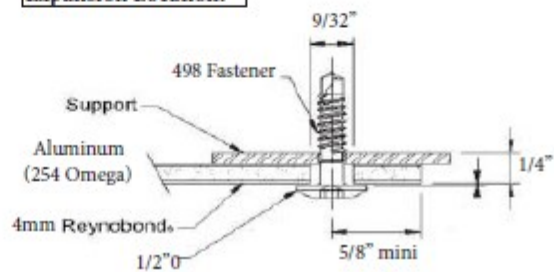
***Expansion Details**

Fixed Location:



Fixed points: holes drilled at 5/32" 0

Expansion Location:


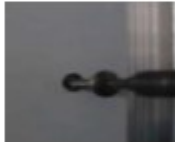

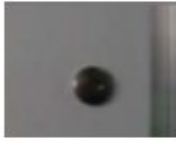


Expansion points: holes drilled at 9/32" 0

Installation of Panels

***Fix Points**

*Panels Are Predrilled Prior to Installation

1	Drill held horizontally	2	Screw until free rotation of the screw
			

Peak torque: 1.7 #FT

Reynobond® Architecture



This is a rain-screen system. Customer must use weather-barrier behind system.

This system is intended only for Reynobond® 4mm, screwed to the 254 Omega aluminum profile.

Attachment of extrusion to wall system is the customer's responsibility.

*Tools Necessary for Installation



Centering Tool 3/16" (PN 11670)

Electric Drill



T20W Torx Bit (PN 11671)

5/32" Bit

9/32" Bit



Suction Pad Tool



*System Components

254 Omega Profile



Fastener 498 (ss or xx Color)








1" x 1" x 1/8" Aluminum Angle (Is Corner Brace)


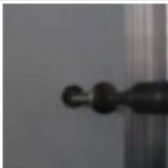



***Expansion Points**



*Panels Are Predrilled Prior to Installation

1	Place centering tool into the expansion hole	2	Insert screw into centering tool
			

3	Drill held horizontally	4	Screw to initiate the drilling without going through the profile
			

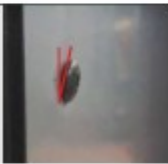
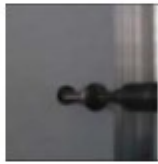
5	Remove the centering tool	6	Screw until free rotation of the screw
			

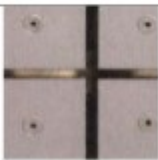

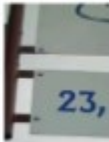
*Removal

1	Pull on the panel with the suction pad	2	Unscrew
			



TAKE CARE:

The centering tool is not held horizontally		No centering tool used at expansion points	
	Screw head does not lean properly on the panel		Screw not centered, no allowance for expansion

Use of another type of screw		No removal of the centering tool	
	Will Not conform to technical approval		Screw stripped, the screw does not hold
 <p>23,</p>	No expansion allowance		

