

Mullion Mate[®] Maintenance and Cleaning Instructions

Surface cleaning and sterilization of Mullion Mate[®] is dictated by the facility where these surfaces are in service. Gordon Inc. does not warrant or guarantee the sterile nature of any surface or any health issues that may arise due to contaminated surfaces. The purpose of this guide is to present methods of cleaning Mullion Mate[®] in a safe manner such that the surface is preserved. Please read all methods carefully before performing any cleaning activity.

Surface Cleaning Guide-Uncoated Metallic Surfaces

Anodized Aluminum

Cleaning and surface care are usually only necessary for the sake of appearance on interior applications. Gordon Inc.'s Mullion Mate[®] in anodized aluminum may be kept clean and bright using the following steps:

1. For normal cleaning, a soft cloth with mild soap and water should be used. Material should have excess water wiped off.
2. If cleaning has been postponed for an extended period time and/or a tough "stain" is visible, first follow step one above. If this does not sufficiently clean the material, you should use a soft cloth with a 50-50 mixture of water and Isopropyl Alcohol. Material should have excess liquid wiped off.
3. If step one and two above is still not sufficient, you may use the 50-50 mixture of water and Isopropyl Alcohol with a small amount of scouring powder (i.e., Comet Cleanser[®]) dabbed on the cloth. The damp cloth with the Comet Cleanser[®] should be used in a linear motion in the direction of grain, being careful not to rub too hard and leave scratches on the surface. Once done, the material must be wiped clean with a damp cloth to remove any Comet Cleanser[®] residue. **Do not use scouring powders or abrasive cloths on highly polished or lustrous anodized finishes as they can become easily scratched and permanently damaged. Always test on an inconspicuous area first. Do not use caustic solutions (i.e. bleach, sodium hydroxide, lye, etc.) on anodized aluminum as it can discolor the material.**

Mill Finish Aluminum (Oxidized)

Repairing oxidized aluminum is a feasible, but delicate process. It involves using acidic, cleaning solutions that must be diligently prepared. These solutions will etch the aluminum which can damage grain lines or other textural effects on the surface.

Warning – This method involves using a commercial product known as Aluminum Brightener from Streak Master[®]. This product comes in an ultra-concentrated liquid form and must be carefully diluted, specifically per the instructions list below. Please read and adhere to all warnings and protect bare skin, eyes, mucous membranes, etc. from direct contact with this product, even in diluted form. This product should NEVER be used on polished or highly lustered aluminum surfaces!

1. Prepare a 4:1 dilution of water to Aluminum Brightener concentrate in a 32-ounce spray bottles. Make sure that the bottle is labeled 4:1.
2. Now prepare a second dilution with a ratio of 20:1 (water to Aluminum Brightener concentrate. Label this bottle 20:1.

3. Fill the third spray bottle with distilled water (preferred) or clean tap water. Label accordingly.
4. Using the 4:1 bottle, spray onto a microfiber towel an adequate amount of liquid to make towel damp. Wipe onto the discolored or soiled portion of aluminum in a firm circular motion, making sure that all areas of the discoloration are wiped. Frequently change towel surfaces once the towel turns black from the removal of the oxidized aluminum. It is important to do this frequently for the best results.
5. Using the 20:1 bottle, again, spray onto a clean microfiber towel to effectively make it damp. Wipe onto the area (in a firm, circular motion) that was previously treated extending slightly beyond that area. This will ensure good overlap and facilitate better results. Continue this process two or three times, while frequently changing the towel surface. The last passes in this step can be done in straighter lines to minimize residue lines.
6. Before the areas completely dries, dampen a clean microfiber towel with water and thoroughly rinse the area that was cleaned with the Aluminum Brightener. Several passes with firm pressure should be adequate. Dry the area using straight line motion until all areas have evaporated.
7. Inspect the area for residue lines, and if present, repeat steps 5 and 6.

Surface Cleaning Guide-Coated Surfaces

Architectural Powder Coatings and Liquid PVDF

To clean a soil or stain from a powder-coated component, we prescribe the following steps:

1. Only use a soft cotton cloth, preferably microfiber, warm water and a mild liquid detergent (Dawn[®] liquid) for spot cleaning. Apply the minimum amount of pressure to remove soil from area.
2. Thoroughly rinse the area with warm water ensuring all the detergent has been removed.
3. Blot dry with a slightly dampened microfiber cloth.
4. For more stubborn stains, substitute the mild liquid detergent with Formula 409[®].
5. Spray Formula 409[®] onto surface and using a slightly dampened microfiber cloth, rub the affected area with enough pressure to effectively remove the soil.
6. Rinse surface with warm water and blot dry as described in Step 3.