

HOW TO PROTECT PLATED FINISHES ON STAINLESS STEEL EVENT FURNITURE

MODERN
EVENT
FURNITURE
www.moderneventfurniture.com

POSSIBLE
DAMAGE
WITHOUT
PROTECTION

MEF metal tables, bars and frames are produced using high grade stainless steel hand welded and polished to a mirror finish. This grade of steel is corrosion resistant and can be re-polished time and time again.

In order to turn these products into a gold or rose gold finish, the entire frame or knock down components must be electroplated. This involves a process where a thin coating is placed on the stainless steel. As this is a coating, acids can corrode many different kinds of metals or wear them away through chemical processes. Vinegar (which contains ethanoic acid) and citric acid (found in citrus fruits like limes and lemons used in bar service) are common acids that we eat and don't cause harm to us but will eat away at these coated finishes.

Please read further for additional explanations of the results of citric acids, vinegars and alcohols on plated metal. Click [1](#), [2](#), [3](#).

What is the solution?

We have found two ways to help protect your plated furniture:

The first involves a secondary plating process in which a clear coat is applied at the factory level to the component or frame. Because this is not standard, the cost is high, about equal to the cost difference between a stainless steel and gold finish, i.e. double the difference of our standard stainless pricing. (If stainless is \$100 and gold is \$125, this solution would cost \$150.) Please contact us at info@moderneventfurniture.com if you are interested in this option on made to order furniture.

The second is by adding a simple aerosol clear coat at the customer level before introducing the product to your rental inventory. A good product that is easily found at your local home improvement store throughout the United States and Canada is rust-oleum ultra cover gloss clear. You can also buy this product on [Amazon](#). When applied properly in several light coats and allowed to cure, it creates a near invisible seal that prevents the acid to permeate the finish. Should the finish come off after time and use, we suggest you reapply as directed.

The only recommended way to clean your MEF metal furniture is with water or a non-toxic and non-citrus based cleaner. Remember, most glass cleaning products contain ammonia which causes scratching and dulls the finish on acrylic inserts. Most importantly, ensure that your team exclusively transport and store furniture in road cases or with proper bags and blankets, allowing the finish and look of your inventory to continue to rent for years to come. As with all furniture, prevention and regular maintenance will prolong the longevity of your equipment and increase your ROI.

Disclaimer: The views and opinions expressed are not by chemists or metallurgists and do not necessarily reflect the official policy or position of MEF. Examples of analysis performed within this article are only examples and are based only on very limited testing in a rental environment. Except for those warranties set forth in MEF's terms and conditions available online at www.moderneventfurniture.com, there is no additional warranty, written, oral, express or implied, with respect to use or misuse of plated products.



FINISHED
PRODUCT
AFTER CLEAR
COAT

