

CARE OF METAL FINISHES

GAMCO

STAINLESS STEEL: Stainless steel owes its corrosion resistance to a thin, transparent, tightly adhering chromium oxide film that forms on the metal's surface. When this film is penetrated, it rapidly reforms as long as oxygen is present. If the surface becomes contaminated with dirt or grease which prevents the oxygen from contacting the metal, corrosion (pitting and discoloration) will occur, *therefore it is necessary to keep the surface clean.*

Stainless steel products actually become more beautiful with use. The natural oils in hands touching stainless steel give it a lustrous sheen. However, those hands often carry contaminants which must be removed from the metal periodically. Regular maintenance will keep the stainless steel finish clean and bright. A mild detergent solution can be used, after cleaning, thoroughly rinse with clear water to remove all traces of solution, then wipe dry to prevent water marks from forming.

CLEAR COATED BRASS: Care must be taken to protect the clear coating which prevents oxidation of the brass underneath. With a soft cloth dampened with water or mild ammonia based liquid, wipe clean. *An acid based cleaner is not recommended.*

UNCOATED BRASS: Regular cleaning and polishing with a brass polish will maintain the original beautiful brass finish and will also protect it against fingerprints, water marks, and rapid oxidation. Apply polish with a clean soft cloth and wipe clean before it dries.

COLOR POWDERCOATS: Wipe gently with a soft cloth dampened with water to keep the clear coat clean and glossy.

METAL PLATED FINISHES: All metal plated finishes are clear coated to protect the plating from oxidation. Care must be taken to protect the clear coat finish so that tarnishing will not occur. To clean, wipe gently with a soft cloth dampened with water or mild ammonia based liquid cleaner. An acid based cleaner is not recommended.

FINISH

#2B finish—This is the natural unfinished look of sheet stainless steel. It is smooth and gray in appearance; used for unexposed portions where the material does not have to be finished.

#3 finish—(130-150 grit)—The appearance is rather coarse satin brushed finish and is commonly used in the industry by other manufacturers as a substitute for the #4 finish that is usually specified.

#4 finish— (180-220 grit)—the appearance is very fine, satin brushed finish. This is the standard specification in the industry, although many times other manufacturers will substitute the less expensive #3 finish.

#8 finish—This is a mirror finished, brightly polished finish which is used to fabricate stainless steel institutional mirrors and other polished finished items.

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STAINLESS STEEL GRAB BARS AND WASHROOM ACCESSORIES

EFFECTIVE CLEANING METHODS: TYPE 304 STAINLESS STEEL

| <i>CONDITION</i> | <i>CLEANSING AGENT</i> | <i>METHOD OF APPLICATION</i> |
|---|--|--|
| For normal atmospheric & construction dirt | Soap, ammonia or Detergent and water | Sponge/rag, rinse with Clear water, wipe dry |
| For heavier dirt containing Oil or grease | Organic solvents, ether, acetone Alcohol, benzol, benzene, Xylol, etc. 5-15% caustic soda, 6% solution Sodium metasilicate, trisodium Phosphate, etc. | Sponge or Rag Rinse with clear water Observe SAFETY rules Same as above |
| For rust discoloration From other materials | Oakite #33: One part per two parts water | Clean cloth or sponge let stand 20 minutes-rinse Repeat and let stand Longer if necessary |
| For deposits which require Scouring | Grade FFF Italian Pumice, Whiting, Bon Ami Liquid No-Steel Perma-Pass Steel Brite Paste Nu-Steel or Dubois Cooper's Stainless Cleaner On dry cloth Allen's Stainless Steel Polish | Rub with damp cloth Rub with small amount On dry cloth Rub with small amount On dry cloth Rub with small amount Rub with small amount Rub with damp cloth |
| <div style="border: 1px solid black; padding: 10px;"> <p>NOTE: Always rub in the Direction of the finish grain In the metal. In extreme cases, <i>Stainless Steel Wool</i> can be used.</p> <p>NEVER employ regular Stainless steel wool.</p> <p><i>For Polished Stainless Steel,</i> Use <i>soft cloth only</i> so as not to mar the finish.</p> </div> | | |
| | Household cleaners; Bab-O, Old Dutch, Sunbrite, etc. | Rub with damp cloth |

NOTE: *On occasion, temporary protection such as pressure sensitive paper or strippable plastic films is applied to prevent inadvertent damage during installation. These coatings may tend to age and lose their toughness and strip ability, consequently, when there is any prolonged storage or exposure involved, their condition should be checked at increasingly frequent intervals.*