

MATERIALS & FINISHES

Materials

BRONZE:

JOSAM bronze is a semi-red brass, generally used with a satin finish and is also an excellent base for chromium plating. All JOSAM chromium plated bronze is cast with this alloy and results in a lasting bright appearance which is stain resistant and maintenance free. Use of bronze instead of cast iron may reduce load classification.

CAST IRON:

JOSAM gray iron is produced to ASTM Standards and has a 25,000 p.s.i. minimum tensile strength. The use of quality materials and the most modern production methods results in sound, dependable metal with good corrosion resistance.

DUCTILE IRON:

A nodular graphite iron with the strength of steel is supplied for gratings, which must carry the heaviest loads.

NIKALOY:

This nickel bronze alloy is used when a high strength harder bronze material is needed for chemical resistance and a long-lasting, easily-maintained bright finish. Use of Nikaloy instead of cast iron may reduce load classification.

ACID-RESISTING COATINGS:

Floor Sinks are provided with an acid-resisting porcelain enameled or high-gloss baked epoxy sanitary acid-resisting white coating that has an excellent appearance and is easy to clean. The acid-resisting coating provided on other cast iron and steel products is a two-part epoxy coating.

STAINLESS STEEL:

Stainless steel is commonly used in the dairy, food processing, chemical, pharmaceutical and institutional industries. Available in type 304 and 316L stainless steel.

PLATING AND SPECIAL COATINGS:

JOSAM bronze is often chromium plated for ease of maintenance and resistance to chlorine. All JOSAM cast iron is dip coated with a quality paint and, when required, special chemical-resistant coatings are furnished for harsh environments. Galvanized coatings are supplied by a new zinc-rich polymeric coating. This finish conforms to Mil. Spec. MIL-P21035 and is preferred to hot dipped coatings.

Finishes

ROUGH:

This designation applies to Nikaloy and bronze items, which are supplied in an "as cast" condition. All of the features of Nikaloy and bronze are present.

PAINTED:

JOSAM's protective coating is an acrylic latex water-reducible air-dry paint.

SATIN:

Low luster finish applied to Nikaloy and bronze products makes them compatible with the present architectural trends calling for exposed hardware to be inconspicuous in appearance. This satin finish has been selected by JOSAM to be standard on all Nikaloy and bronze finished parts.