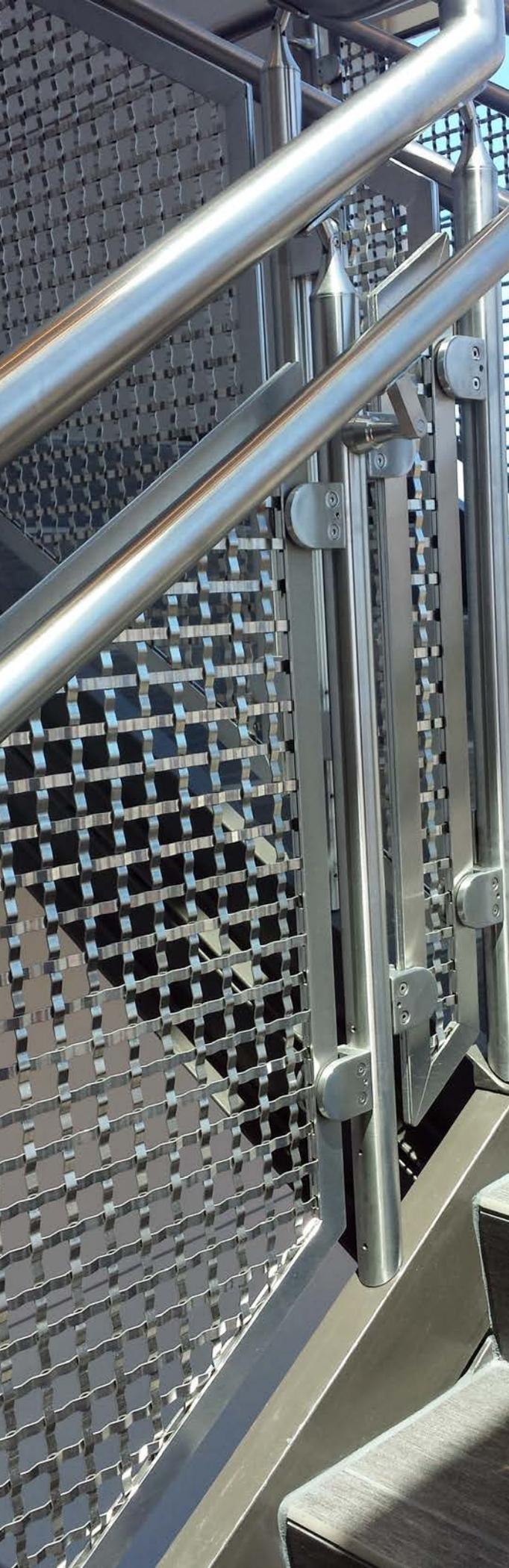




BANKER  WIRE
CARE + MAINTENANCE





STAINLESS STEEL

INTRODUCTION

Stainless steel mesh is most often chosen by architects and designers for its corrosion resistance and aesthetic appeal. Banker Wire offers both T304 and T316L stainless steel alloys. Maintaining its original appearance requires very little effort. For best performance, the surface of the mesh needs to be kept clear of non-stainless steel (iron) contamination and deposits from dirt and grime accumulated during normal handling and exposure to the elements.

INITIAL CLEANING

Banker Wire architectural stainless steel wire mesh is wiped down before shipment to remove any visible surface oil accumulated during the weaving process. Once the shipment is received, or after further fabrication and handling, a final cleaning should be performed before installation to remove all surface contaminants. A recommended process for cleaning is to rinse the mesh with clean water to remove any loose contaminants. Wash mesh using a soft cloth and clean warm water containing a mild, environmentally safe multi-purpose cleaner with a detergent or 5% ammonia. If necessary, use a soft nylon brush to remove any stubborn stains. Rinse with clean cold water and allow to dry completely. If, non-stainless steel contamination is suspected, a citric acid or nitric acid passivation process should be considered to remove any existing "Free Iron" on the stainless steel surface.

CARE AND MAINTENANCE

Stainless steel woven wire mesh adds a long lasting and unique architectural design element to any project. The corrosion resistance that stainless steel offers can be reduced if the material is not cared for from time to time. For stainless steel to look and perform at its best, simple and regular care is required.

Environmental conditions and aesthetic standards will usually determine the frequency of cleaning required for the individual application. Other than end-user requirements, the best policy is to clean mesh when dirty to remove contaminants and restore the original appearance. To clean exterior applications, hot water power washing with a multi-purpose cleaner can be used if water infiltration is not a concern. This is a common means of keeping railings and similar exterior applications attractive while minimizing costs. For interior applications use a clean soft cloth, either dry or damp, to remove surface contaminant build-up. Be sure to allow the mesh to dry completely.

Note: *Never use steel wool cleaning pads on stainless steel woven wire mesh. Cross contamination of the unalloyed "free iron" can result in brown rust stains on the stainless steel wire mesh.*



POWDER COAT FINISH

A powder coated finish on wire mesh offers the ability to achieve nearly every color in the rainbow. To maintain the appearance of your powder coated wire mesh, regular maintenance is recommended. The amount of care and maintenance required depends on the use or exposure conditions.

Clean powder coated surfaces with clean warm water, using clean cloths or rags and soap (household cleaners which are sold in shops). Avoid using a power washer as the pressure may exceed the adhesion characteristics. Avoid harsh or abrasive cleaners and scouring substances. High gloss and dark colored surfaces may show fine scratching or swirl marks with hard scrubbing or abrasive cleaners. Low gloss or textured surfaces may hold viscous cleaners or pastes due to the surface topography.



PLATED FINISH

Decorative plating brings out the true and unique visual texture of each piece of Banker Wire mesh. The wire mesh is woven in plain steel and is coated with either brass, nickel, or copper. Plated woven wire mesh is not meant to be used in an exterior application or where it can be exposed to excessive moisture.

All plated wire mesh finishes are clear coated to protect the finish from oxidation. Care must be taken to protect the clear coat finish so that tarnishing does not occur. To care for plated and lacquered wire mesh use a clean cloth or rag that has been dampened with warm water. Avoid harsh or abrasive cleaners and scouring substances. **DO NOT USE AMMONIA BASED CLEANERS.**