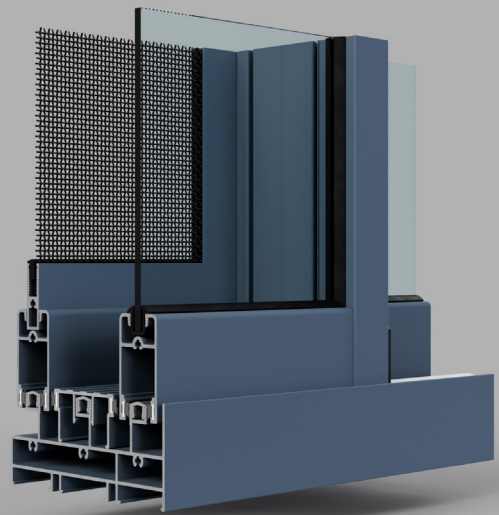




Aluminium Systems Company



WORLD WIDE WEAVE



Sanctuary EcoGlide™ Security Screen

Bu7 Security Mesh Care Guide

INSTRUCTION SHEET

GKD STAINLESS STEEL SECURITY SCREEN CARE GUIDE

GKD manufactures high-quality woven metal fabrics, primarily of AISI Type 304 and 316 stainless steel. Maintaining the appearance of the product requires very little effort. Stainless steel retains its original appearance and structural integrity indefinitely, with minimal maintenance. It is for this reason that it is the only choice when it comes to durable security screens. GKD Security Screen provide a lifetime of security and peace of mind.

Like any other building materials, stainless steel may become soiled in service by the deposition of airborne dirt, by accidental damage or through acts of vandalism. This brochure will provide you with guidance for the cleaning and maintenance of our products.

FOR THE OPTIMUM USE WE RECOMMEND THE FOLLOWING HANDLING INSTRUCTIONS

RESISTANCE TO CORROSION

We use austenitic stainless steel, most commonly AISI type 304 and 316. Because stainless steel is non corrosive, the mesh will not require additional coating. However for our security screen which is predominantly delivered with a powder coating cover for aesthetic purposes, will only add to the longevity of the mesh and the corrosion resistance.

DURABILITY

Our stainless steel security screens are fire, heat and impact resistant, and are suitable for all climates. Stainless steel is a highly durable material. It is a permanent choice in an increasingly disposable world, reducing demand on our natural resources and providing long term value.

CLEANING

INITIAL CLEANING: Similar to many other building materials, stainless steel security screen arrives on site with its surface in the finished condition / or with a powder coated finish. If the surface has been exposed to construction dirt and dust an initial cleaning may be required.

A TYPICAL PROCEDURE WOULD BE:

1. Rinse with water to remove loose dirt.
2. Use a soft, long-fiber brush for persistent dirt
3. Rinse with clean water
4. Allow to dry.

MAINTENANCE AND CLEANING OF INTERNAL MESH:

Internal mesh panel generally requires less cleaning, and easier cleaning than external mesh panels, as they are generally not exposed to the elements. Furthermore, internal climates, especially in office type environments are controlled via the air condition systems. This reduces the risk factors mentioned above.

In internal applications, general dust build up is the major contaminant found on mesh which can be easily dusted away using a feather duster or similar. Please note that this should be done on a regular basis to prevent major build up, which may be a little more difficult to remove.

For internal applications we would only recommend that the mesh be dusted. Using any form of cloth, with or without water. Note that water with detergents could leave the mesh looking blotchy or ununiformed in appearance. This will however fade over time, and once again blend to form a uniform look.

In order to clean internal panels which may have been soiled with heavier dirt or dry, non-greasy deposits, then a dry brush can be used. (N.B. Nylon bristles only – no steel brush or steel wool)

In the event that the mesh has been soiled with grease or oil layers, then an additional alkaline cleaner should be used with a damp rag or small brush. This may result in the mesh appearing blotchy, however, as mentioned above, this will fade over time and once again blend to form a uniform look.

CLEANING

INITIAL CLEANING: Similar to many other building materials, stainless steel security screen arrives on site with its surface in the finished condition / or with a powder coated finish. If the surface has been exposed to construction dirt and dust an initial cleaning may be required.

A TYPICAL PROCEDURE WOULD BE:

1. Rinse with water to remove loose dirt.
2. Use a soft, long-fiber brush for persistent dirt
3. Rinse with clean water
4. Allow to dry.

MAINTENANCE AND CLEANING OF EXTERNAL MESH:

Because climate conditions are difficult to predict, it is recommended to monitor the product during the first year after installation to determine cleaning intervals for different climate situations.

RECOMMENDED CLEANING PROCESS:

1. Clean the mesh from inside and outside with cold water using a hosepipe in order to moisten and remove debris or dirt from the security screen.
- * Clean the mesh from the top - down.

For a deep clean:

- * Clean the mesh from inside and outside by removing the moistened dust / dirt with water and soap (sunlight liquid works well).
 - * Remove build-up of deposits or contaminates with a mild abrasive cleaner while the mesh is still wet.
 - * Ensure that the application of the soap water is evenly applied on the mesh.
 - * Clean the mesh from the top - down.
2. Only when there is a build-up of deposits or contaminates on the mesh which cannot be removed with a hosepipe, clean as follows;
 - * Pressure jet cleaning with hot water in the spring to remove material adhering to the surface, followed by rubbing with a mild abrasive cleaner for stainless steel security screen. Then, a water rinse followed by drying. Again, the cleaner should be safe for stainless steel. Normal domestic cleaners that contain harsh abrasives or chlorine compounds should be avoided.

ROUTINE CLEANING

The quality of the environment and the aesthetic standard required will obviously influence the frequency of cleaning schedule. For outside locations, rain may wash the stainless steel security screen effectively, but it may be desired to supplement this natural process by routinely washing the stainless steel screen. For instance, a stainless steel security screen may be washed at the same time as the windows. However, where severe environmental situations exist, such as coastal regions, areas of high humidity or severe pollution, washing more frequently is recommended, if a high aesthetic standard is required. The cleaning procedure used for initial cleaning can be adopted, with a multi-purpose cleaner that neutralizes and removes salts.

SUMMARY

Maintenance and cleaning aspects must be considered early in the design of any architectural project. Where aesthetic standards are important, regular cleaning is the best way to retain the appearance of the stainless steel screen. It is recommended that the client impose a regular cleaning schedule to maintain high aesthetic standards.

LEARN MORE:
Sanctuary EcoGlide™ Security Screen

Subject to change according to original source. Information correct as of April 2024

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