



# BOON ENGINEERING LLP

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## Precautions for Storage and Use of Colour/Non-Colour Stainless Steel Sheets

1. Decorative stainless steel sheets are covered with PVC protection film, before processing and using. Sheets should be stored in the shade and cool places, and must avoid direct sunlight, high temperature and other bad conditions.
2. Avoid any contact with sharp objects & heavy loads to prevent damage to the materials.
3. Attention should be paid during installation and construction, to avoid contact with chemicals such as cement slurry, strong acid, strong alkaline detergent, organic solutions for removing marble stain, carburant, etc.
4. After installation, the protection film should be removed and the stainless steel surface will require thorough cleaning to remove any adhesive, either from the protective coating or other building operations, that may have been left on the surface if required.

## Cleaning Process and Maintenance

1. After various comprehensive examinations at certified testing center regarding Titanium (PVD) Coating's anti-corrosive property, the following chemical solutions have been discovered to have major damaging, corrosive impact:

- 1) Hydrochloric acid solution (strong acidic solution)
- 2) Sodium hydroxide solution (strong basic solution)
- 3) Bleaching agents
- 4) Abrasive cleaners
- 5) Cement
- 6) Marble stain remover

Strong acids and basic components can cause irreparable damage to Titanium (PVD) Coating. Therefore, when Titanium (PVD) Coating comes in contact with cement or granite marble walls, ceilings, or floors, extra protection must be provided. Such care can prevent cement's "strong basic" or marble stain remover's "strong acidic" components from harming and corroding the surface finish.

2. Frequent daily contacts with human hands leave fingerprints, grease and dirt on the surface of Titanium (PVC) Coating. If occurred within a short period of time, it requires a simple cleaning with soft, clean cloth and clean water to wipe down and restore its new appearance.



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3. The use of coarse fabric, or any type of rough material is strongly prohibited and may cause unwanted scratches or surface damages; please check cloth before wipe surface.

4. If fingerprints, grease, or dirt still remains on the surface of Titanium (PVD) Coating and the application of clean water can not entirely remove the pollutant, simple apply a small amount of fine calcium carbonate powder onto a piece of soft, clean cloth to wipe of the stains. Then repeat the wipe down with another piece of soft, clean cloth to restore its new look. Alternatively, Acetone will also be able to be used for the removal of stubborn stains.

5. When cleaning Hairline (HL) sheets, make sure directional maintenance is carried out to avoid unwanted scratches or surface damages. Other finishes such as, Mirror (No.8), Bead Blasted and Vibration can be cleaned in circular motion.

6. Sheets with NSP (Easy Clean Coating), the cleaning also requires soft cloth, water and gentle wipe. Absolutely avoid strong alkali or strong acid detergents and other chemicals, prohibit contacting with cement, organic glue containing benzene, organic solution to removing marble surface oily substances, strong acid toilet cleaner, oil remover, etc.

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