

PANELEX®

PANELEX® MAINTENANCE & CARE MANUAL



Before starting the cleaning process, a competent technician must perform an inspection of the state of the materials (substructure and panels), as well as of the method that will be used.

PANELEX'S® surface is a monolithic, hermetic, impermeable, and free of porosity structure, which avoids the adherence of pollutants that are regularly caused by weather such as dust, environmentally pollutant agents, growth of fungus, mold, lichens, and moss among others.

CLEANING

Cleaning **PANELEX'S®** new modules (after removing the protective film), must begin with the areas of the ventilated facade already installed, following the order in which the panels will be fixed. Partial cleaning may cause minor visual differences. Stains may be cleaned with a normal method with neutral detergent or liquid soap, and with a non-abrasive sponge. The use of abrasive materials like steel sponges, scouring pads, etc., is not allowed as they will leave irreparable scratches on the surface.

Although **PANELEX®** requires minimal maintenance, we recommend cleaning the **PANELEX®** modules after their installation for the project, and subsequently every year or after window cleanings, with regular water and soft detergents, without using abrasive surfaces that may deteriorate the protective layer. This depends on the area of installation, the type of application, and care that the product has received during the installation.

For periodic cleaning, please seek help from a professional cleaning Company. Use cleaning products only if necessary.

MAINTENANCE

Below we list some basic principles. Maintenance must always be performed according to the supplier's recommendations regarding the cleaning system, and under its supervision and warranty.

Periodic Inspection

All of **PANELEX'S®** must pass an inspection, and if necessary they must be regularly maintained.

- Visual inspection to detect: possible damages, cracks and/or fissures, as well as caving or other deformities.
- Revision of the fixing substructure (screws, profiles, rivets, etc.) that guarantee the stability of the installation.
- If the part where the fixing takes place is hidden by adhesives, a review of the state of the adhesive must be carried out, guaranteeing the stability of the installation.



SELF-CLEANING

PANELEX® allows water to flow over its surface, avoiding the possibility of stains due to residues. By being a non-porous material, it impedes the absorption of dust.

The superior and inferior edges may be milled at an angle that allows the water to flow towards the posterior Surface, contributing to minimize the sedimentation of pollutants over the surface.

REMOVAL OF GRAFFITI

PANELEX® is produced with two types of ultraviolet filters, both easy to clean, and one of them being anti-graffiti.

PANELEX® Standard: with ultraviolet filter and easy to clean, both in front and on the back.

PANELEX® Anti-graffiti: High performance product with easy cleaning ultraviolet filter, anti-graffiti on the front and ultraviolet filter on the back.

PANELEX® can also be specified with decorative laminate or anti-graffiti protection on both sides. If the facade is going to be exposed to the application of graffiti, specify the Anti-Graffiti **PANELEX®**. When a panel gets painted with graffiti, follow the below recommendations:

1. Remove the paint applied over the surface with a soft, non-abrasive cloth, wetted in ethylic alcohol or organic solvent (*varsol* type) (do not use paint remover, such as *thiner*).
2. Remove the ethylic alcohol or solvent residues with abundant water. If necessary, use a soft liquid detergent (non-abrasive), cleaning the panel with a clean soft cloth, different than the one used to apply the ethylic alcohol or solvent.

RECOMMENDATIONS

- Do not place heavy objects or apply perpendicular weight.
- Do not embed or lean structural elements on the module, such as beams or joists that will exert a concentrated overload, not foreseen on the calculations.
- The load conditions of the **PANELEX®** modules will not be modified, nor will they overstep those foreseen in the project.
- No elements should be attached on the **PANELEX®** modules, such as cables, support or anchor labels, which may damage them or cause their deterioration.

The current technical documents updated in the corresponding web page must be verified by the distributor/installer.

Visit us at www.novadeck.com.co for more information.