



NUCLÉO[®]

ALUMINIUM PANELS

**CARE AND
MAINTENANCE
GUIDE**

**PREMIUM BONDED
ALUMINIUM PANEL**

NUCLEO®

ALUMINIUM PANELS

PREMIUM BONDED
ALUMINIUM PANEL

Nucleo® aluminium panels have a superior PVDF architectural paint finish that ensures UV stability and colour retention, so that architectural designs will stand the test of time.

CLEANING

There is no specific cleaning regime required for Nucleo® outside of a 1.5km distance from salt water. If Nucleo® is installed within 1.5km of salt water, then an annual wash with fresh water is required.

To maintain the high-quality appearance of Nucleo® panels, we recommend regular cleaning with a mild detergent particularly in areas of cladding that are protected from rainwater and do not benefit from the natural washing qualities of rainfall. These areas should be washed as regularly as is required to keep the overall cleanliness of the building as desired. Any salt deposits near marine environments should be treated in the same way, as should any detected salt deposits generated by winter road salt spray.

The surface should be cleaned either manually using a soft brush or by means of a high-pressure cleaner (max. 50 bar) with clean water. If necessary, a mild cleaning agent (pH6-7) may be added, up to a maximum of 10%. Cleaning should take place from top to bottom and should be continuously rinsed with clean water to remove any cleaning agent residue. Generally, we recommend trying out the cleaning agent on an obtrusive part of the building to check whether the surface appearance is affected.

Do not clean surfaces in direct sunlight or if the temperature is above 40°C. The quick drying may cause marks or stains.

CLEANING AGENTS

If there is any doubt as to the suitability of the cleaning agent, please contact your local HVG Facades representative.

NON-SUITABLE CLEANING AGENTS

Please do not use highly alkaline cleaning agents such as potassium hydroxide, sodium hydroxide or caustic soda, nor any strong acid products or highly abrasive cleaning agents.



REMOVAL OF GRAFFITI AGENTS

Depending on the spray paint used to graffiti the panel, the following steps should enable you to remove graffiti from the Nucleo® PVDF finish.

A test should be carried out in a small area first:

1. Remove any coarse particles of dirt with water to prevent the surface from being damaged during the cleaning process. Then dry the panel.
2. Apply a suitable solvent to the sprayed graffiti using a soft cloth. The solvent is rubbed in until the sprayed graffiti has largely been dissolved.
3. Remove the dissolved graffiti using a soft cloth. This may require continuous renewal of the cloth.

4. Clean the surface again using a clean cloth with small amounts of solvent until any remaining graffiti has been removed.

5. The Nucleo® coating then needs to regenerate for at least 24 hours, irrespective of the cleaning result reached.

6. If there is any remaining graffiti, steps 2-4 should be repeated, but not until the Nucleo® finish has regenerated.

Note that some graffiti removal agents are very aggressive and may not be suitable for application on Nucleo®.

GENERAL INFORMATION

After cleaning, traces or shaded parts of the previous graffiti may still be visible on the Nucleo® surface. This appearance is caused by organic dyes that can be in the graffiti spray paint and are slightly susceptible to migration. Therefore, cleaning should take place as soon as possible to prevent the spray paint from migrating. According to our experience at HVG Facades we find the spray residual often decomposes when exposed to solar radiation, which causes the shading effect to disappear over time.

Suitable solvents may include:

- Ethanol (methylated spirits)
- Hexane (white spirit)
- Methyl glycolic acid

Caution: the solvents are usually flammable.



NUCLEO[®]

ALUMINIUM PANELS



DEEMED
NON COMBUSTIBLE
TESTED TO AS1530.1
AND AS1530.3



100% RECYCLABLE

Please seek professional advice when using Nucleo[®] on Type A and B buildings. The adhesive component is combustible and is not required to be tested under AS1530.1 and AS1530.3.

By **HVG** façades

For pricing or further information
hvgfacades.com.au | 1300 881 712

SYDNEY
29 Henderson Street
Turrella NSW 2205

MELBOURNE
25 West Park Drive
Derrimut VIC 3026

BRISBANE
128 Mica Street
Carole Park QLD 4300

PERTH
72 Bushland Ridge
Bibra Lake WA 6163

ADELAIDE
57 Barnes Avenue
Marleston SA 5033