



Danpalon® cleaning instructions

It is recommended that the exterior of Danpalon® panels be washed and rinsed as per the cleaning advice, periodically from time to time, (at last once a year) to provide maximum performance and extended service life.

Chemical Resistance

Danpalon® polycarbonate sheets have good chemical resistance, to a variety of dilute organic and inorganic acids. Water, vegetable oils, solutions of natural salts, aliphatic hydrocarbons and alcohols are also included in this category.

Some chemical substances may attack Danpalon® polycarbonate sheets. Among them are low molecular weight aldehydes and ethers, ketones, esters, aromatic hydrocarbons, chlorinated hydrocarbons, acetone and xylene.

Danpalon® polycarbonate sheets are subject to certain destruction in contact with aqueous or alcoholic alkaline solutions, alkali salts, ammonia gas and its solution, amines and high ozone concentrations.

Cleaning

ALWAYS TEST THE SELECTED CLEANING AGENT AND METHOD ON A SMALL UNOBTRUSIVE AREA TO VERIFY THAT THE PANEL SURFACE IS NOT DAMAGED BEFORE CLEANING THE ENTIRE GLAZING SYSTEM.

Cleaning instructions:

The ideal way to remove dirt, debris, and saw chips, before washing, is with compressed air or air blowers. (Do not spray water into flutes of panels.). After blowing out debris, wipe down the outside of panel with a soft rag or sponge and a mild soap/water solution (e.g. Palmolive dish washing detergent). Do not use scrub brushes as these will scratch panels. Then simply rinse with clear water and dry water droplets with a soft cloth or chamois.

Suggested Detergents

TOP JOB by Proctor & Gamble
JOY by Proctor & Gamble
WINDEX by Drackett Products
PALMOLIVE LIQUID by Colgate Palmolive
FORMULA 409 of Clorox

The above detergents are compatible with the Danpalon sheet products when the manufacturer's recommendations and instructions are followed.

Label and sticker removal:

The use of kerosene, VM&P naphtha or white petroleum spirits is generally effective. A wash with lukewarm water, use of mild soap, a rinse and drying should always follow the use of these products. In cases where the sticker material, such as vinyl, does not allow the penetration of solvent, the application of heat (eg: a hair dryer) will soften the adhesive and promote removal. Caution: Excessive heat can cause surface damage. **GASOLINE SHOULD NEVER BE USED**

Fresh Paint Splashes, Grease and Glazing Compound Removal:

To remove stubborn stains such as grease, adhesives, fresh paint splashes, silicones, inks, etc., the use of VM&P Naphtha, Isopropyl Alcohol, Kerosene, or Petroleum Spirits will generally soften the stain for removal. It is very important to only work a small area (50mmx50mm) at any one time. After removal of stains, a final wash and rinse should be made following the suggested washing instructions. The use of duct tape often works well for removal of old paint.

Suggested Graffiti Removers

- #2 BUTOXY ETHANOL Stock # JTD 649-7 from VWR Scientific
- "POLYCARB CLEANER" from AGP Systems

When cleaning Danpalon® sheets with any cleaning material, it is recommended to try the cleaning material first on a small sample of the Danpalon sheet for few hours, and only then to apply it on the whole area.

Caution/ Important

- Abrasive or highly alkaline cleaner/ detergents are prohibited on Danpalon® polycarbonate sheets.
- Never use unapproved cleaners such as highly abrasive polishes, muriatic acid, methyl ethyl ketone, alkaline, acetone, gasoline, benzene, etc. They may damage DANPALON sheet products.
- Cleaners and solvent generally recommended for use on polycarbonate, are not necessarily compatible with the UV-protected surface of the Danpalon® polycarbonate sheets.
- Do not use either BUTYL CELLOSOLVE or ISOPROPANOL on the UV-protected surface of Danpalon® polycarbonate sheets.
- Benzene, leaded gasoline, acetone or carbon tetrachloride should never be used.
- Danpalon® should not be exposed for long periods of time to hot water (more than 70/80°C). However, brief contact with hot water has no effect.
- Never scrub with brushes, steel wool or other abrasive material. Never scrape with razor blades or other sharp instruments.
- Do not clean in hot sun or at elevated temperatures.