

Polycarbonate Panels – Proper Care and Cleaning Instructions



PRODUCT DETAILS:

Twinwall and Fivewall polycarbonate have an ultra violet surface treatment on the exterior side only that improves longevity and resistance to sun exposure. This treated side marked with a protective blue film must be installed to the outside of the greenhouse to give the necessary protection. It is important to note that polycarbonate should not be stored in direct sunlight as the blue film will heat up and be difficult to remove.

CLEANING INSTRUCTIONS:

Proper cleaning with recommended cleansers will prolong the life of the polycarbonate. Apply the following instructions to both sides of the polycarbonate panels:

1. Rinse polycarbonate sheet with lukewarm water.
2. Wash polycarbonate sheet with a mild soap and lukewarm water using a soft cloth or sponge.
3. Wipe in the direction of the flutes and do not use abrasive brushes or cleaning tools.
4. Rinse again and dry with soft cloth.

A NOTE ABOUT PRESSURE WASHING:

Many customers inquire about the use of a pressure washer on a polycarbonate greenhouse. If you would like to use a pressure washer, use the mist setting only. This will provide enough water to clean and remove any built-up dirt or grime. Using a higher power setting may cause damage to the sheet as the dirt is lifted from the surface and could have an abrasive effect causing scratches or marks on the surface. Avoid contact with the sealants and gaskets as this may cause future leaking. Also ensure that no water is forced up the flutes as this will cause mold and algae.

APPROVED CLEANING PRODUCTS:

On the reverse, please review the cleaning products that have been proven safe for polycarbonate panels that will not cause damage, scratches or reduce effectiveness. These guidelines are provided by the polycarbonate manufacturer and should be used as a guide only. Conditions, location, and temperature can affect outcomes. Proceed with caution.

Chemical Resistance

The compatibility tests are carried out by immersing the polycarbonate sample piece for 180 days in the substance to be tested at a constant temperature of 20°C. The esthetical aspect (dulling, fissures) is then evaluated and the mechanical characteristics are compared with the original values of the polycarbonate.

CHART KEY: **Resistant**, **Partially resistant**, **NOT resistant**

CHEMICALS

Acetaldehyde
Acetic acid 5%
Acetic acid 30%
Acetic acid
Acetone
Acetylene
Acrylic nitrile
Acrylonitrile
Allylic alcohol
Alum
Aluminium alum
Aluminium chloride
Aluminium oxalate
Aluminium sulphate
Amilacetate
Ammonia
Ammonia water
Ammonium chloride
Ammonium fluoride
Ammonium hydrate
Ammonium nitrate
Ammonium sulphate
Ammonium sulphide
Ammonium trichloride
Aniline
Antimony pentachloride
Arsenic acid 20%
Arsenous acid 20%
Benzene
Benzoic acid
Benzoic aldehyde
Benzole
Benzyl acid
Benzyl alcohol
Borax
Boric acid
Bromine
Bromobenzene
Bromobenzol
Butane
Butanol
Butilic alcohol
Butyl acetate
Butylenic glycol
Butylstearate
Butyric acid
Calcium chloride
Calcium hydrate
Calcium hypo chloride
Calcium nitrate
Calcium soap
Carbonic acid
Carbon oxide
Carbon sulphide
Carbon tetrachloride
Caustic potash 5%
Caustic soda 5%
Chloride of lime
Chlorine gas
Chlorobenzol
Chloroform
Chrome alum
Chromic acid 20%
Citric acid 10%
Concrete
Copper chloride
Coppers sulphate
Coppery chloride

Cresol
Cyclohexane
Cyclohexanon
Cyclohexanol
Cyclohexone
Decalin
Dimethyl Fluorinamide
Diamphthalate
Diethyl ether
Dimethylformaldehyde
Dinonilphthalate
Dioxane
Diethyl adipate
Diethyl phtalate
Diphyl
Dyburlyphthalate
Ether
Ethilenchloride
Ethilenglycol
Ethyl alcohol 96%
Ethyl bromide
Ethyl chloridrine
Ethyl ether
Ethylamine
Ethylene chloride
Ethylenic glycol
Etilencloridrina
Fluosilicic acid 30%
Formalin
Formic Acid 30%
Glycerine
Glycol
Glycolic acid
Heptane
Hexane
Hydrochloric acid 10%
Hydrochloric acid 35%
Hydrofluoric acid
Hydrogen sulphide
Industrial petrol
Iodine
Iron chloride
Iron sulphate
Isoamyl alcohol
Isopropyl alcohol
Kerosene
Lactic acid 5%
Ligroin
Lime wash
Magnesium chloride
Magnesium sulphate
Manganese sulphate
Mercury
Mercury chloride
Methanol
Methyl alcohol
Methyl metacrylate
Methylamine
Methylene chloride
Methylic ester
Methylisobutylketone
Methylketone
Naphtha
n-butyl alcohol
Nickel sulphate
Nitric acid 10%
Nitrobenzene
Nitrobenzole
Nitrous gases

Oleic acid
Oxalic acid
Oxygen
Ozone
Pentane
Perchlorethylene
Perchloric acid
Perchloric acid 10%
Petroleum
Petroleum ether
Phenic acid
Pheniletlylic alcohol
Phenol
Phosphoric acid
Phosphor trichloride
Phosphorus chloride
Phosphotic Oxychloride
Potassium alum
Potassium bromide
Potassium carbonate
Potassium chloride
Potassium cyanide
Potassium dichromate
Potassium-
metabisulphite 4%
Potassium nitrate
Potassium-
perchlorate 10%
Potassium-
permanganate 10%
Potassium persulphate
Potassium Rhodanate
Potassium sulphate
Potassium sulphocyanide
Propane
Propargylic alcohol
Propionic acid
Propyl alcohol
Pyridine
Soda
Sodium bicarbonate
Sodium bisulphate
Sodium bisulphite
Sodium carbonate
Sodium chlorate
Sodium chloride 10%
Sodium hydrate 1%
Sodium hydrate 10%
Sodium hypo chloride
Sodium sulphate
Sodium sulphide
Sulphoral chloride
Sulphur dioxide
Sulphuric acid at 50%
Sulphuric acid 70%
Sulphurous acid 10%
Styrol
Sulphur
Synthetic saliva
Synthetic sweat
Tartaric acid
Tetrachlorethane
Tetrahydrofuran
Tetralin
Thricloroacetic acid
Thrimetilic acid
Tiophen
Toluol
Tri cresyl phosphate

Trichlorethylamine
Trichlorethylphosphate
Trichloro-ethylene
Triethanolamine
Turpentine
Urea
Vinyl acetate
Water
Xylene
Zinc chloride
Zinc oxide
Zinc sulphate

DETERGENTS

Ajax
Bleach
Calgonit
Dor
Fewa
Horoliht M
Impact
Into-Fensterklar
Laundry soap
Natril
Omo
P3 Aseptol
Parifex 2%
Persil
Pril
Rapdosept
Rei
Riseptin
Sidolin
Somat
Suwa
Tiba
Trisilin F
WK 60

DISINFECTANTS

Baktol
Carboxylic Acid
Chloramine
DDT
Delegol
Dimamin
Hydrogen peroxide 10%
Lysoform 2%
Maktol
Menfen
Oktozon 1%
Perhydrol
Pure alcohol
Resorcina 1%
Sagrotan 5%
Sublimate
TB-Lysoform
Tincture of iodine
Trosilin G extra 1,5%
Zephirol

FOODS

Apple juice
Beer
Beet
Bovine tallow
Butter
Castor oil
Chocolate
Cinnamon
Clove
Coffee

Cognac
Cucumbers
Fish
Fruit juice
Gin
Glucose
Grapefruit juice
Lard
Linseed oil
Liquors
Liver oil
Maggi
Margarine
Meat
Mustard
Nutmeg
Olive oil
Onions
Orange juice
Pimento
Raspberry syrup
Rum
Salt
Tea
Tobacco
Tomato sauce
Vanilla
Vegetable juices
Vegetable oils
Vinegar
Vodka
Wine

OILS AND FATS

Aral BG
Baysolin
BP Energol
Brake liquid
Brunofix
Camphor oil
Combustible oil
Darina
Diesel oil
Drill oil
Esso Estic
Machine oil
Mobil DTE
Molikote
Oily paint
Paraffin oil
Polyran
Rhenocalor N
Shell Spirax 90
Shell Tellus 11-33
Silicone oil
Skydrol
Texano Regal
Turpentine oil

PHARMACEUTICALS

Ambra solare
Blood plasma
Conditioner
Hydroplex
Lanoline
Methanol 90%
Nailpolish solvent
Odol mouthwash
Periston
Vaseline
Wick-Vaporuf