

Since many of Howard's components are made of plastic materials, their resistance against chemical products may be limited or even nil. Consult this list before using aggressive detergents, disinfectants or installing the luminaire in chemical hazardous areas (as cars washes, swimming pools, industrial kitchens, industrial laundries, slaughterhouses, livestock containment facilities, etc ...) or in case of doubt, please contact us. For these conditions, appropriate products (like stainless steel latches, etc...) are available.

CHEMICAL	ACRYLIC	POLYCARBONATE	FIBERGLASS
<b>ACIDS (Weak up to 10 %):</b>	+/-	+	+
<b>ACIDS</b>			
Acetic (max 30%)	-	+/-	+
Hydrochloric (max 20%)	+	+/-	+/-
Nitric (max 20%)	+/-	+/-	+/-
Sulphuric (max 50%)	+/-	+/-	-
Phosphoric	-	+/-	-
Hydrobomic	-	-	-
Accumulator Acid	+/-	+/-	+/-
<b>BASES (Weak)</b>			
Ammonia (max 25%)	+/-	-	+
<b>BASES (Concentrated)</b>			
Ammonia (max 50%)	+/-	-	+/-
Sodium Hydroide	+/-	-	-
<b>SALT SOLUTIONS</b>			
Common Salt	+	+/-	+
Metal Salt	+	+/-	+
Soda	+	+/-	+
<b>HYDROCARBONS</b>			
Aliphatic	+/-	+	+/-
Aromatic	-	-	+/-
Paraffins	+	+	+
Carbon Dioxide, Carbon Monoxide	+	+	+
Ethyl Acetate	-	-	-
Pyridine	-	-	-
<b>CHLORIDE HYDROCARBONS</b>			
Carbon Tetrachloride	-	-	+/-
Trichlorethylene	-	-	-
Methylene Chloride	-	-	-
<b>ALCOHOLS</b>			
Up to 30 %	+/-	+/-	+
Concentrated	-	-	+/-
Methanol, Ethanol, Phenol	-	-	+/-
<b>ETHERS</b>			
Ether	+/-	-	+/-
Petroleum Ether	+	+/-	+/-
<b>AROMATIC HYDROCARBONS</b>			
Aniline	+/-	-	+/-
Benzene and derivates	-	-	-
Hydrogen Peroxide	+/-	+/-	-
Xylene	-	-	-
<b>OILS and FATS</b>			
Petrol, Kerosine	+/-	+/-	+
Mineral oil	-	+/-	+
Vegetable oils (hot)	+	-	+
Cooking fats (hot)	+	-	+
<b>UNSATURATED CHLORIDE HYDROCARBONS</b>			
Chloroform	-	-	-

**+ = Resistant • +/- = Limited resistant • - = Not resistant**

\*: In case of limited resistance to corrosion (+/-) the use of Polycarbonate clips is not suggested. We advise the use of stainless steel latches if there is any uncertainty.