

# Resistance To Chemicals – Prestige PUR

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Resistance to chemicals is tested over a 24 hour contact period at room temperature, followed by rinsing with cold water. Polyflor Ltd believe this simulates the worst situation where spillages are not removed immediately and are only cleaned by normal maintenance.

U - Unstained    A - Slight stain    B - Moderate stain    C - Heavy stain  
E - Appearance as above plus slight surface disturbance

Chemical	Shade							
	1600	1800	1830	1840	1850	1860	1870	1880
Acetic Acid Glacial	U	U	U	U	U	U	U	U
Acetic Acid 50% Solution	U	U	U	U	U	U	U	U
Acetic Acid 10% Solution	U	U	U	U	U	U	U	U
Boric Acid 10% Solution	U	U	U	U	U	U	U	AE
Citric Acid 10% Solution	U	U	U	U	U	U	U	U
Hydrochloric Acid Concentrated	U	U	U	U	U	U	U	U
Hydrochloric Acid 50% Solution	U	U	U	U	U	U	U	U
Hydrochloric Acid 10% Solution	U	U	U	U	U	U	U	U
Lactic Acid Concentrated	U	U	U	U	U	U	U	AE
Nitric Acid Concentrated	BE	BE	AE	AE	AE	AE	CE	B
Nitric Acid 50% Solution	AE	BE	AE	BE	AE	AE	BE	BE
Nitric Acid 10% Solution	AE	AE	AE	AE	AE	AE	BE	A
Oxalic Acid 10% Solution	U	U	U	U	U	U	U	U
Perchloric Acid 60% Solution	A	AE	A	A	U	A	A	A
Phosphoric Acid Concentrated	U	U	U	U	U	U	U	U
Phosphoric Acid 50% Solution	U	U	U	U	U	U	U	U
Pyrogallic Acid	A	A	U	A	U	U	A	A
Sulphuric Acid Concentrated	B	BE	BE	BE	BE	BE	BE	BE
Sulphuric Acid 50% Solution	U	U	U	U	U	U	U	U
Sulphuric Acid 10% Solution	U	U	U	U	U	U	A	A
Tannic Acid 10% Solution	U	U	U	U	U	U	U	U
Tartaric Acid 10% Solution	U	U	U	U	U	U	U	U
Thioglycollic Acid Concentrated	BE	AE	AE	AE	BE	A	A	AE
Absolute Alcohol	U	U	U	U	U	U	U	U
Amidol 10% Solution	B	A	A	A	A	B	A	A
Ammonia Solution 88	U	U	U	U	AE	U	A	U
Ammonium Alum 10% Solution	U	U	U	U	U	U	U	U
Ammonium Bichromate 10% Solution	U	U	U	U	U	U	U	U
Ammonium Bromide 10% Solution	U	U	U	U	U	U	U	U
Ammonium Carbonate 10% Solution	U	U	U	U	U	U	U	U
Ammonium Chloride 10% Solution	U	U	U	U	U	U	U	U
Ammonium Sulphate	U	U	U	U	U	U	U	U
Ammonium Thiocyanate 10% Solution	U	U	U	U	U	U	U	U
Borax 10% Solution	U	U	U	U	U	U	U	U
Calcium Chloride 10% Solution	U	U	U	U	U	U	U	U
Calgon 10% Solution	U	U	U	U	U	U	U	U
Carbon Tetrachloride	U	U	U	U	U	U	U	U

Chemical	Shade							
	1600	1800	1830	1840	1850	1860	1870	1880
Catechol 10% Solution	A	B	A	B	A	AE	A	A
Chrome Alum 10% Solution	U	U	U	U	U	U	U	U
Copper Sulphate 10% Solution	U	U	U	U	U	U	U	U
Ferric Ammonium Citrate 10% Solution	U	U	U	U	U	U	U	U
Formaldehyde 50% solution	U	U	U	U	U	U	U	U
Glycerine	U	U	U	U	U	U	U	U
Glycine 10% Solution	U	U	U	U	U	U	U	U
Hydrogen Peroxide 100%	U	U	U	U	U	U	U	U
Hydroquinone 10% Solution	B	B	B	B	B	B	B	B
Hydroxylamine Hydrochloride 10% Soln	U	U	U	U	U	U	A	A
Iodine 5% Soln In Potassium Iodide Soln	A	B	B	B	B	A	B	B
Iodine Alcoholic Solution	B	B	B	C	C	C	C	C
Iron Perchloride 10% Solution	A	U	U	U	U	U	U	U
Iron Sulphate 10% Solution	U	U	U	U	U	U	U	U
Lead Acetate 10% Solution	U	U	U	U	U	U	U	U
Magnesium Sulphate 10% Solution	U	U	U	U	U	U	U	U
Metol 10% Solution	A	A	U	U	U	U	A	B
Mercuric Chloride 10%Solution	U	U	U	U	U	U	U	U
Methylated Spirits 10% Solution	U	U	U	U	U	U	U	U
Paraformaldehyde	U	U	U	U	U	U	U	U
Phenol 10% Solution	B	B	A	A	A	A	B	A
Potassium Bromide 10% Solution	U	U	U	U	U	U	A	U
Potassium Carbonate 10% Solution	U	U	U	U	U	U	U	U
Potassium Dichromate 10% Solution	U	U	U	U	U	U	U	U
Potassium Ferricyanide 10% Solution	U	U	U	U	U	U	U	U
Potassium Ferrocyanide 10% Solution	U	AE	U	U	U	U	U	U
Potassium Hydroxide 10% Solution	U	A	U	U	A	UE	A	A
Potassium Iodide 10% Solution	U	U	U	U	U	U	A	A
Potassium Metabisulphite 10% Solution	U	U	U	U	U	U	U	U
Potassium Oxalate 10% Solution	U	U	U	U	U	U	U	U
Potassium Permanganate 10% Solution	C	C	B	C	B	C	B	C
Potassium Thiocyanate 10% Solution	U	U	U	U	U	U	U	U
Silver Nitrate 10% Solution	A	B	A	B	A	B	A	B
Sodium Acetate 10% Solution	U	U	U	U	U	U	U	U
Sodium Bicarbonate 10% Solution	U	U	U	U	U	U	U	U
Sodium Bromide 10% Solution	U	U	U	U	U	U	U	U
Sodium Carbonate 10% Solution	U	U	U	U	U	U	U	U
Sodium Chloride 10% Solution	U	U	U	U	U	U	U	U
Sodium Hydroxide 10% Solution	A	A	A	U	U	A	A	A
Sodium Hypochlorite 10% Solution	U	A	U	U	U	U	U	U
Sodium Perborate 10% Solution	U	U	U	U	U	U	U	U
Sodium Phosphate 10% Solution	U	U	U	U	U	U	U	U
Sodium Sulphate 10% Solution	U	U	U	U	U	U	U	U
Sodium Sulphite 10% Solution	U	U	U	U	U	U	U	U
Sodium Thiosulphate 10% Solution	U	U	U	U	U	U	U	U

Household & Proprietary Products	Shade							
	1600	1800	1830	1840	1850	1860	1870	1880
Izal Concentrated	A	A	A	U	U	U	A	A
Izal Diluted	U	U	U	U	U	U	A	U
TCP Concentrated	U	U	U	U	U	U	U	U
Dettol Concentrated	U	U	U	U	U	U	U	U
Soap Solutions	U	U	U	U	U	U	U	U
Detergent Solutions	U	U	U	U	U	U	U	U
Milk	U	U	U	U	U	U	U	U
Tea	U	U	U	U	U	U	U	U
Coffee	U	U	U	U	U	U	U	U
Petrol	U	U	U	U	U	U	U	U
White Spirit	U	U	U	U	U	U	U	U
Diesel Fuel	U	U	U	U	U	U	U	U
Mineral Oil	U	U	U	U	U	U	U	U
Vegetable Oil	U	U	U	U	U	U	U	U
Anti Freeze	U	U	U	U	U	U	U	U



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U - Unstained    A - Slight stain    B - Moderate stain    C - Heavy stain  
E - Appearance as above plus slight surface disturbance

Chemical	Shade							
	1890	1900	1910	1920	1930	1940	1950	1960
Acetic Acid Glacial	U	U	U	U	U	U	U	U
Acetic Acid 50% Solution	U	U	U	U	U	U	U	U
Acetic Acid 10% Solution	U	U	U	U	U	U	U	U
Boric Acid 10% Solution	U	U	U	U	U	U	U	U
Citric Acid 10% Solution	U	U	U	U	U	U	U	U
Hydrochloric Acid Concentrated	U	UE	U	U	U	U	U	U
Hydrochloric Acid 50% Solution	U	U	U	U	U	U	U	U
Hydrochloric Acid 10% Solution	U	U	U	U	U	U	U	U
Lactic Acid Concentrated	U	U	U	U	U	U	U	U
Nitric Acid Concentrated	BE	CE	BE	C	BE	AE	BE	AE
Nitric Acid 50% Solution	AE	BE	AE	BE	AE	AE	BE	UE
Nitric Acid 10% Solution	AE	BE	AE	BE	AE	AE	AE	UE
Oxalic Acid 10% Solution	U	U	U	U	U	U	U	U
Perchloric Acid 60% Solution	U	AE	U	AE	U	U	A	AE
Phosphoric Acid Concentrated	U	U	U	U	U	U	U	U
Phosphoric Acid 50% Solution	U	U	U	U	U	U	U	U
Pyrogallic Acid	A	A	AE	A	B	U	A	U
Sulphuric Acid Concentrated	B	BE	AE	BE	BE	CE	BE	BE
Sulphuric Acid 50% Solution	U	U	U	U	U	U	U	U
Sulphuric Acid 10% Solution	U	U	U	U	A	U	A	U
Tannic Acid 10% Solution	U	U	U	U	A	U	U	AE
Tartaric Acid 10% Solution	U	U	U	U	U	U	U	A
Thioglycollic Acid Concentrated	AE	AE	BE	AE	AE	AE	AE	A
Absolute Alcohol	U	U	U	U	U	A	U	A
Amidol 10% Solution	A1	AE	A1	AE	BE	U	A	U
Ammonia Solution 88	U	U	U	A	U	U	U	U
Ammonium Alum 10% Solution	A	U	U	A	U	U	U	U
Ammonium Bichromate 10% Solution	U	U	U	U	U	U	U	U
Ammonium Bromide 10% Solution	U	U	U	U	U	U	U	U
Ammonium Carbonate 10% Solution	U	U	U	AE	U	U	U	U
Ammonium Chloride 10% Solution	U	U	U	U	U	U	U	U
Ammonium Sulphate	U	U	U	U	U	U	U	U
Ammonium Thiocyanate 10% Solution	U	U	BE	U	BE	U	U	U
Borax 10% Solution	U	U	U	U	U	U	U	U
Calcium Chloride 10% Solution	U	U	U	U	U	U	U	AE
Calgon 10% Solution	U	U	U	U	U	U	U	U
Carbon Tetrachloride	U	U	U	U	U	U	U	U

Chemical	Shade							
	1890	1900	1910	1920	1930	1940	1950	1960
Catechol 10% Solution	B	A	A	A	B	U	B	A
Chrome Alum 10% Solution	U	U	U	U	U	U	U	U
Copper Sulphate 10% Solution	U	U	U	U	U	U	U	B
Ferric Ammonium Citrate 10% Solution	U	U	U	U	U	U	U	U
Formaldehyde 50% solution	U	U	U	U	U	U	U	U
Glycerine	U	U	U	U	U	U	U	1
Glycine 10% Solution	U	U	U	U	U	U	U	U
Hydrogen Peroxide 100%	U	U	U	U	U	U	U	U
Hydroquinone 10% Solution	B	B	B	B	B	A	B	A
Hydroxylamine Hydrochloride 10% Soln	U	U	U	U	1	U	U	U
Iodine 5% Soln In Potassium Iodide Soln	B	A	A	B	B	A	B	B
Iodine Alcoholic Solution	B	B	B	C	B	B	C	B
Iron Perchloride 10% Solution	U	A	B	A	U	U	U	U
Iron Sulphate 10% Solution	U	U	U	U	U	U	U	U
Lead Acetate 10% Solution	U	A	U	U	U	U	U	U
Magnesium Sulphate 10% Solution	U	U	U	U	A	AE	U	U
Metol 10% Solution	A	AE	U	A	A	U	A	U
Mercuric Chloride 10%Solution	U	U	U	U	U	U	A	U
Methylated Spirits 10% Solution	U	U	U	U	U	U	U	U
Parafomaldehyde	U	U	U	U	U	AE	U	U
Phenol 10% Solution	B	A	U	B	A	B	A	A
Potassium Bromide 10% Solution	U	U	U	U	U	U	U	U
Potassium Carbonate 10% Solution	U	U	U	U	1	U	U	U
Potassium Dichromate 10% Solution	U	U	U	U	U	U	U	U
Potassium Ferricyanide 10% Solution	U	U	U	U	U	U	U	U
Potassium Ferrocyanide 10% Solution	U	U	U	U	U	U	U	U
Potassium Hydroxide 10% Solution	U	A	U	A	U	U	A	U
Potassium Iodide 10% Solution	U	U	A	U	A	U	U	A
Potassium Metabisulphite 10% Solution	U	U	U	U	U	U	U	U
Potassium Oxalate 10% Solution	U	U	U	U	U	U	U	U
Potassium Permanganate 10% Solution	C	B	B	B	B	B	C	C
Potassium Thiocyanate 10% Solution	U	A	U	U	U	A	U	U
Silver Nitrate 10% Solution	B	A	B	B	B	A	B	AE
Sodium Acetate 10% Solution	U	U	U	U	U	U	U	U
Sodium Bicarbonate 10% Solution	U	U	U	U	U	U	U	U
Sodium Bromide 10% Solution	U	U	U	U	U	U	U	U
Sodium Carbonate 10% Solution	U	U	U	U	U	U	U	U
Sodium Chloride 10% Solution	U	U	U	U	U	U	U	U
Sodium Hydroxide 10% Solution	A	U	A	A	A	A	A	U
Sodium Hypochlorite 10% Solution	U	U	U	U	A	U	A	U
Sodium Perborate 10% Solution	U	U	U	U	U	A	U	U
Sodium Phosphate 10% Solution	U	U	U	A	U	U	U	U
Sodium Sulphate 10% Solution	U	U	U	U	U	U	U	U
Sodium Sulphite 10% Solution	U	U	U	U	U	U	U	U
Sodium Thiosulphate 10% Solution	U	U	U	U	U	U	U	U

Household & Proprietary Products	Shade							
	1890	1900	1910	1920	1930	1940	1950	1960
Izal Concentrated	U	A	A	A	A	A	A	U
Izal Diluted	U	U	U	U	A	A	A	U
TCP Concentrated	U	U	U	U	U	U	U	U
Dettol Concentrated	U	U	U	U	U	U	U	U
Soap Solutions	U	U	U	U	U	U	U	U
Detergent Solutions	U	U	U	U	U	U	U	U
Milk	U	U	U	U	U	U	U	U
Tea (black)	U	U	U	U	U	U	U	U
Coffee (black)	U	U	U	U	U	U	U	U
Petrol	U	U	U	U	U	U	U	U
White Spirit	U	U	U	U	U	U	U	U
Diesel Fuel	U	U	U	U	U	U	U	U
Mineral Oil (Singer)	U	U	U	U	U	U	A	U
Vegetable Oil	U	U	U	U	U	U	U	U
Anti Freeze (Bluecol)	U	U	U	U	U	U	U	U

