



## CHEMICAL RESISTANCE 1 PART PU SEALANTS

Low Modulus and Fast Cure Grades

Test pieces were fully cured and cut as 2mm thick "Dumbbells" immersed in solutions for 1 day and 28days, then checked visually for changes.

CHEMICAL TYPE	CHEMICAL RESISTANCE		
	GOOD >28 days exposure	FAIR >1 day exposure	POOR Not Recommended
ACETIC ACID SOLN. 5%	NC		
ACETIC ACID SOLN. 25%		X	
ACETIC ACID SOLN. Conc.		X	
AMMONIUM CHLORIDE 10%	NC		
AMMONIUM SULPHATE 10%	X		
CITRIC ACID 10%	NC		
CITRIC ACID CONC		X	
CALCIUM HYDROXIDE	NC		
CAUSTIC SODA 10%	NC		
CAUSTIC SODA 25%	X		
DIESEL	NC		
DETERGENT 5%	X		
ETHANOL		X	
HYDROCHLORIC ACID 10%	X		
HYDROCHLORIC ACID 25%			X
METHANOL			X
LACTIC ACID 10%	NC		
FORMIC ACID 10%	NC		
GLYCERINE	NC		
MOTOR OIL	NC		
PETROL, UNLEADED		X	
NITRIC ACID 2%	X		
NITRIC ACID 10%		X	
SULPHURIC ACID 10%	NC		
SULPHURIC ACID 25%	X		
SALT WATER	X		
TOLUOL			X
HYPOCHLORITE (Na) 10%	X		
MEK			X
PHOSPHORIC ACID 50%	X		
RED WINE	X		
XYLENE			X

NC = No change in properties X= some signs in deterioration observed after time indicated.

Short intermittent exposure to the above chemicals will greatly increase functional life of sealant.

The above is only recommended as a guide, all tests were conducted at room temperature.

The effect of joint movement while immersed in the chemicals is not taken into account. (September 2001)

Ramset NZ  
 23-29 Poland Rd  
 Glenfield 0629  
 09 444 3510  
 www.ramset.co.nz