

ProLiner™ PRODUCT DATA SHEET

Date Revised: 1 March 2008

GENERIC TYPE

Elastomeric polyurethane. 100% Volume solids
(no volatile organic compounds, no solvents)

GENERAL PROPERTIES

The two components are separately and simultaneously pumped from their respective storage containers and mixed together at the point of the cartridge gun.

The optimum results are achieved when the chemical components are at a temperature range of between 20 – 30 degrees C. In colder environments the chemical components should be pre-heated.

RECOMMENDED USES

ProLiner™ is a unique two component elastomeric polyurethane coating system. It is used for coating metal, wood, concrete, fibreglass, and other substrates. ProLiner™ exhibits high levels of tensile strength, tear strength, impact resistance and is ideal for applications subject to vibration, expansion and contraction, movement and flexing.

ProLiner™ is spray applied to any thickness in one application, providing a seamless coating that can be ready for use in as little as 30 minutes.

NOT RECOMMENDED where higher impact resistance is required.

STORAGE

ProLiner™ is hygroscopic and should be stored away from moisture and direct sunlight. Storage at temperatures between 20 - 30 degrees C will maximize product life.

For additional information refer to the Material Safety Data Sheet.

TYPICAL PHYSICAL PROPERTIES

Solids by volume:	100%
Shore Hardness	95A(+/-5)
Tensile strength	1900-2100 psi
Elongation	70% +/-5%
Water Absorption	<1.5%
Abrasion Resistance	1.3% (H18 wheel/1000 rev)
Viscosity – Resin	780-830 cps
Iso	100-200 cps
Mix Ratio:	1:1 by volume
Shelf life:	6-12 months unopened, when maintained at 15-25°C.

DRY FILM THICKNESS

2mm - unlimited.

REACTIVITY

Tested in cups,	
Initiation	15 - 25 seconds
Gel	20 - 35 seconds
Tack-Free/Solid	< 60 seconds
95-99% cure	24 hours