

Ultimate Pro 100 PRODUCT DATA SHEET

Date Issued: 20th May 2008

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Description :	Ultimate Pro 100 is an industrial grade pure polyurea, that is rapid setting and rapid curing. It is a 100% solids product containing no VOC's or Solvents. Ultimate Pro 100 is a flexible, aromatic, two component spray applied lining that is ideally suited to protecting concrete and metal surfaces. Ultimate Pro 100 is applied using heated plural component spray equipment such as Graco plural component spray equipment.																						
Typical uses :	Tank linings subject to abrasion and chemical attack. Waste water applications, abrasion protection in mining, fiberglass, aluminium, AC sheeting, various foams and geotextile.																						
Product properties :	<table><tr><td>Service Temperature</td><td>: -35 to +120° C</td></tr><tr><td>Elongation</td><td>: >250% @ 25 ° C</td></tr><tr><td>Tensile strength</td><td>: >3400psi (+/- 250psi)</td></tr><tr><td>Tear Resistance Die C</td><td>: 320 to 350pli</td></tr><tr><td>Shore hardness</td><td>: 95 ±5 A</td></tr><tr><td>Abrasion resistance</td><td>: <0.55% loss (H-18 wheel)</td></tr><tr><td></td><td>• Good chemical resistance</td></tr><tr><td></td><td>• Low temperature flexibility</td></tr><tr><td></td><td>• Excellent temperature stability</td></tr></table>	Service Temperature	: -35 to +120° C	Elongation	: >250% @ 25 ° C	Tensile strength	: >3400psi (+/- 250psi)	Tear Resistance Die C	: 320 to 350pli	Shore hardness	: 95 ±5 A	Abrasion resistance	: <0.55% loss (H-18 wheel)		• Good chemical resistance		• Low temperature flexibility		• Excellent temperature stability				
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Types of containers :	205L drums																						

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Surfaces :

Existing Linings

Existing lined surfaces or joins between sprayed areas must be cleaned and primed before re-lining or overlapping joins.

Concrete

Concrete must be in good condition, dry, free of grease and contaminants. Ensure all loose dirt, concrete and other contaminants are removed. New concrete should be cured for 28 days prior to lining. Sandblast and / or grind floated concrete to ensure a clean well profiled surface.

Clean contaminated and greasy surfaces (oil and fat), preferably using a high pressure steam cleaner with an appropriate detergent cleaning agent. Several applications of the cleaning process maybe necessary to achieve a clean surface. In the event high pressure detergent cleaning does not produce a clean surface grit blasting maybe necessary.

Any expansion joints in the surface should be maintained.

Steel

Sandblast (Class 2½) surfaces that contain metal and apply a holding primer, if desired, with rust-inhibiting properties.

Other surfaces

For information regarding applying Ultimate Pro 100 to other surfaces please contact your supplier.