

WearResist 1811

Description	WearResist 1811 is a solvent-free epoxy novolac ceramic system for reprofiling of steel surfaces subject to abrasion. It can be overcoated with WearResist 1321 to provide a smooth surface that will improve flow and equipment efficiency.
Uses	WearResist 1811 is recommended for quick repair and lining of steel surfaces exposed to sliding type abrasion i.e. screw conveyors, hoppers, pump casings, wear plates, etc.
Features	<ul style="list-style-type: none"> - Cold applied - Excellent abrasion resistance - Up to 5000 microns with a single coat
Application	<ul style="list-style-type: none"> - Blast to Sa2½ finish, or power tool clean for St3 finish for mild environments. - Ensure the surface is dry and free from dust or any other contaminants. - Using a trowel, spatula or gloved hand, apply a thin layer to wet out the substrate before applying the paste to the desired thickness. Use the trowel with a water dampened sponge or a mist of water from a spray bottle onto WearResist 1811 to smooth the surface. - Do not attempt to install material if temperature of material and substrate are not within 16°C to 32°C. Theoretical coverage rate is 6kg/m² at 3mm dry film thickness.

Properties	Value
Dry Film Thickness (DFT)	3000 to 5000 microns
Solids Content	100%
Compressive Strength	75 MPa
Tensile Shear Adhesion @ 25°C	3.5 MPa
Shore D Hardness	95
Max. Wet Service Temperature	45°C
Max. Dry Service Temperature	70°C
Application Temperature @ 0% humidity	10°C
Application Temperature @ 85% humidity	40°C
Pot Life	40-60 minutes @ 25°C
Dry to Touch	2-3 hours @ 25°C
Dry to Handle Time	6-8 hours @ 25°C
Final Cure	36-48 hours @ 25°C
Flash Point	93°C
Shipping weight (Part A and B)	1 kg

Universal Corrosion Coatings Pty. Ltd.

16 Sperry Drive, Tullamarine, Victoria 3043, Australia

Phone: +61 3 9310 3515

Fax: +61 3 9310 3524

Website: www.unicc.com.au

The above information is given in good faith based on data and knowledge considered to be true and accurate and is offered for the user's assistance.