

WearResist 1321

Description	WearResist 1321 is a solvent-free epoxy novolac ceramic system for the repair of steel surfaces subject to erosion, corrosion and chemical attack. It will provide a surface that should also improve flow and equipment efficiency.
Uses	WearResist 1321 is recommended for quick repair and lining of steel surfaces exposed to wear and chemical attack, i.e. impellers, pipes, valves and pump casings.
Features	<ul style="list-style-type: none"> - Cold applied - Unaffected by water, salts or bacterial attack - Excellent abrasion resistance - Up to 500 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. - Mix thoroughly so a homogenous mix is achieved. - Using a cut-back paint brush or roller, apply a thin layer to wet out the substrate before applying the matrix to the desired thickness. Do not attempt to install material if temperature of material and substrate are not within 16°C to 32°C. Theoretical coverage rate is 1.14 m²/kg at 500 microns.

Properties	Value
Dry Film Thickness (DFT)	300 to 500 microns
Solids Content	99% ± 1%
Compressive Strength	85 MPa
Tensile Shear Adhesion @ 25°C	3.5 MPa
Shore D Hardness	88
Flammability Rating (ASTM E-648)	Class 1
Max. Wet Service Temperature	65°C
Max. Dry Service Temperature	125°C
Application Temperature @ 0% humidity	10°C
Application Temperature @ 85% humidity	40°C
Pot Life	30 minutes @ 25°C
Dry to Touch	1½ hours @ 25°C
Dry to Handle Time	8 hours @ 25°C
Final Cure	48 hours @ 25°C
Flash Point	93°C
Shipping weight (Part A and B)	1 kg

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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.