



WearRamic

Description	WearRamic 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	WearRamic is recommended for quick repair and lining of steel surfaces exposed to wear and chemical attack, i.e. impellers, pipes, valves, pump casings and tank welds internal.
Features	<ul style="list-style-type: none"> - Cold applied - Unaffected by water, salts or bacterial attack - Excellent abrasion resistance - Up to 4000 microns per coat
Application	<ul style="list-style-type: none"> - Blast to Sa2½ finish. - Ensure the surface is dry and free from dust or any other contaminants. - Mix thoroughly so a homogenous mix is achieved. - Place an appropriate amount of the above mixture on a plaster hawk. Work using an applicator trowel, squeezing the material to remove any entrained air. - Apply the material to the blasted surface, squeezing the material into the blasted surface to ensure full wetting of the surface and to squeeze out any remaining air from the product. Apply a uniform layer of the required film thickness. - Use the plaster hawk to catch any excess material spilt during application, this may then be re-applied to the surface, reducing material losses. Allow material to set until tack-free but workable. The surface may then be polished by hand using pine oil to obtain a glossy 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 0.5m²/kg at 1000 microns dry film thickness.

Properties	Value
Dry Film Thickness (DFT)	500 to 4000 microns
Solids Content	99% ± 1%
Compressive Strength	85 MPa
Tensile Shear Adhesion @ 25°C	3.5 MPa
Shore D Hardness	88
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	60 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, B and C)	6.1 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.