



# WearResist 1111

<b>Description</b>	WearResist 1111 is a solvent-free epoxy blended with atomized steel alloys and cross-linked with unique fast curing high performance amines processed from renewable resources.
<b>Uses</b>	WearResist 1311 is used for quick repair and rebuild of steel surfaces exposed to wear and chemical attack, i.e. impeller blades, shafts, pipes, valves and pump casings. The product is often used to smooth out weld joints in pipes, tanks and flanges, improving flow and restricting abrasion.
<b>Features</b>	<ul style="list-style-type: none"> <li>- Cold applied</li> <li>- Excellent abrasion resistance</li> <li>- Outstanding resistance to most inorganic acids, alkalis, salt solutions and hydrocarbon solvents and oils.</li> <li>- Up to 15000 microns per coat</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>- Blast to Sa2½ finish, or power tool clean for St3 finish for mild environments.</li> <li>- Ensure the surface is dry and free from dust or any other contaminants.</li> <li>- Contents of the tin should be mixed together for approximately 4 to 5 minutes using a power mixer.</li> <li>- Using a spatula apply product to the desired thickness.</li> <li>- Do not attempt to install material if temperature of material and substrate are not within 16°C to 32°C. Theoretical coverage rate is 80cm<sup>2</sup>/kg at 5mm.</li> </ul>

Properties	Value
Dry Film Thickness (DFT)	200 to 15000 microns
Solids Content	100%
Adhesion Pull-off	> 15 MPa
Max. Wet Service Temperature	65°C
Max. Dry Service Temperature	175°C
Application Temperature @ 0% humidity	5°C
Application Temperature @ 100% humidity	40°C
Pot Life	15 minutes @ 25°C
Dry to Handle Time	1 hour @ 25°C
Final Cure	24 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.