



Date: 08/08/2025 Coatings Product Data Sheet

PC Zircoat – 100IP

Thixotropic Spirit-Based Zircon Coating for High-Grade, Critical & Heavy-Duty Steel Castings

Product properties

A premium Thixotropic Spirit-Based coating formulated with ultra-pure zircon and advanced flow-control properties. Delivers exceptional thermal resistance, flawless surface finish, and complete metal penetration protection. Features Zero-Deform Technology for stability under extreme conditions and Knockout-EZ Performance for effortless sand removal—ideal for automotive, power, railways, defence, and precision alloy casting applications.

Typical Properties

1) Colour	: Off White liquid
2) Appearance	: Semi Paste
3) Specific-Gravity wt/vol	: 2.10 +/- 0.05.
4) Baume (Degree)	: 90 +/- 10.
5) Solids	: 70 +/- 2 %.

Advantages

- Exceptional thermal resistance with flawless, defect-free surface finish.
 - Zero-Deform Technology ensures no peeling, cracking, or crawling.
 - Knockout-EZ Performance for quick, effortless sand removal.
 - Advanced flow-control for uniform coating and superior defect prevention.
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Key Features

- Premium ultra-pure zircon formulation.
 - Advanced thixotropic consistency for brush, dip, or spray application.
 - Maintains integrity under extreme thermal and mechanical stress.
 - Reduces cleaning and fettling time post-casting.
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Storage & Handling

- 6 months under normal conditions in original drum
 - Protect from frost and direct sunlight
 - 25 Kgs in Bucket
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