



Date: 08/08/2025 Coatings Product Data Sheet

PC Zircomol – 100W

Highly refractory Water-based coating on zirconium silicate basis for steel, grey iron, nodular iron and heavy metal casting

Product properties

A premium Zircon filled high refractory water based liquid wash for application on Resin bonded sand or Co2 for moulds and cores to give excellent casting finish even on heavy steel casting. It consists of high quality Zircon refractory powder with excellent suspension and covering properties. It has good thixotropic properties which prevents runs and drips. It contains High refractory loading which withstand for metallostatic pressure in Heavy Casting. It is necessary to coat the sand surfaces which come into contact with molten metal. With our coatings, it prevents erosion, metal stroke mould reaction and sand burn on.

Typical Properties

- | | |
|---------------------|----------------------------|
| 1) Colour | : Off White liquid |
| 2) Specific-Gravity | : 2.20 +/- 0.05 gms. / cc. |
| 3) Baume | : 90 +/- 10 Degree. |
| 4) Solids | : 70 +/- 2 %. |

Advantages

- 1) Imparts excellent casting finish, free from sand burns and fusions.
- 2) Coating inclusions are not caused.
- 3) Product is easily re-mixable due to better suspension properties and gives uniform coverage, which ensures a good casting finish, free from veining, fins, fusion and penetration and hence lowers the casting cleaning costs.

Storage & Handling

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

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