

## PRODUCT DATA SHEET

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### ZIRCON WATER BASE

A premium Zircon filled high refractory WATER based liquid wash for application on Resin bonded sand 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.

ZIRCON WATER BASE – It is a ready to use liquid coating. It is applied by swabbing or brushing.

#### Specifications:

1. Color – OFF WHITE
2. Specific Gravity – 2.20 +/- 0.05 gms. / cc.
3. BAUME – 90 +/- 10 Degree.
4. Solids – 70 +/- 2 %

It is essential to ensure that this product is thoroughly mixed to homogeneous consistency by stirring before use.

It is applied by swabbing or by Brushing on sand moulds and cores in the heavy casting of steel. In coating moulds and cores, the most important requirement is to obtain an even coating over the metal/sand contact areas. It is essential always to ensure that coating is well mixed and suspended before application.