



**CASTEEZEE MANUFACTURERS**  
**MANUFACTURERS OF FOUNDRY CHEMICALS**

# EZEECOAT 100A

## ALCOHOL BASED ZIRCON COATING

**The product**

EZEECOAT 100A is a pure white zirconium silicate based coating, for use on the lightest to heaviest steel casting, grey, nodular and alloy irons.

It has a solids content of 75 % and a density of approx 2.1 kg/L

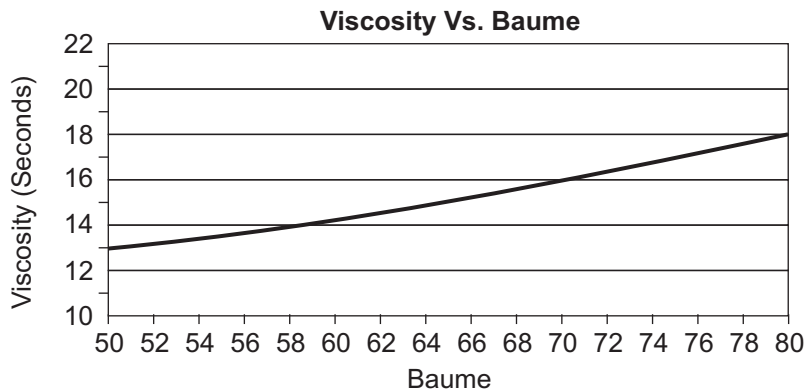
**Advantages**

FEATURES	BENEFITS
Premium grade raw materials	Best and most consistent mould/core protection
Low binder content	Minimum gas evolution, high Refractoriness
Brush, swab and spray application	Versatile

**Application**

EZEECOAT 100A is suitable for use on moulds and cores produced in all conventional resin binder systems. The coatings should be mixed thoroughly before use or before further dilution with IPA.

It is recommended that the consistency of the coating be checked by means of a flow with 4mm orifice or, alternatively, a Baume gauge. The approximate relationship between the two techniques is shown in the graph below.



The primary objective of both these methods is to control the coating layer thickness on the sand surface. Typically a wet coating layer of between 0.1mm - 0.3mm should be obtained depending on the casting weight, section and pouring temperature.

**For guidance**

Dip / Spray - Viscosity 13-15 sec., Baume 50-68

Brush / Swab - Viscosity 16-20 sec., Baume 60 -70

EZEECOAT 100A

**Please note**

Castings produced with Manganese steel alloys prone to reaction with silicate will require the use of magnesite or olivine based coatings.

**Specifications**

PHYSICALDATA (TYPICAL)

PROPERTY	
COLOR	WHITE
SOLIDS	75%
DENSITYAS DELIVERED	2.1 KG / LITRE

**Packaging**

50 kg HDPE Polycarboys



## Castezee Manufactueres

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**MANUFACTURERS OF FOUNDRY CHEMICALS**

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