

CRAFTCOTE – ZA - 100

(Thixotropic Water Based Zircon Coating)

THE PRODUCT :-

CRAFTCOTE-ZA-100 is a Zircon rich coating from the Craftcote range of foundry coatings. It is a water based coating with remarkable stability of suspension, good covering ability with firm bonding on substrate.

PRODUCT FUNCTION :-

CRAFTCOTE-ZA-100 is advantage's as a versatile foundry coating, mainly for Steel, Alloy Steel, Cast Iron and non-ferrous metal industries.

CRAFTCOTE –ZA-100 has good refractoriness, good binding properties.

PRODUCT APPLICATION :-

- 1) Mix the product CRAFTCOTE – ZA-100 thoroughly and then use the material for brushing, dipping and spraying applications after dilution on No bake / cold box / shell core / oil cores.
- 2) For brushing / dipping, dilute the product by 80: 20 (product : water) ratio with water.
For spraying dilute the product by 80:30 (product : water) ratio with water.

After applying coating, air dry it (core / mould) for 10 to 20 minutes and then dry in oven at 150° C to 160° C for 20 minutes or by torching.

PROPERTIES : The physical properties of CRAFTCOTE – ZA-100 are as follows :

- | | | |
|---------------------|---|-------------------------|
| 1) Colour | : | Off White |
| 2) Appearance | : | Thick Liquid |
| 3) Specific Gravity | : | 2.15 to 2.25 @ 27 ± 3°C |
| Coating on dilution | | |
| 80 : 20 (P: W) | : | No peel off / No cracks |
| 5) Gas Content | : | 15 to 20 cc/gm |
| 6) Settling 1 Hour | : | Nil ml |

PACKING :- 40 Kg P.C.

SHELF LIFE : 6 months

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CRAFTCOTE-ZA-100 is advantage's as a versatile foundry coating, mainly for Steel, Alloy Steel, Cast Iron and non-ferrous metal industries.

CRAFTCOTE –ZA-100 has good refractoriness, good binding properties.

PRODUCT APPLICATION :-

- 1) Mix the product CRAFTCOTE – ZA-100 thoroughly and then use the material for brushing, dipping and spraying applications after dilution, for No bake / cold box / shell & Oil cores.
- 2) For brushing / dipping, dilute the product by 80: 20 (product : water) ratio with water.
For spraying dilute the product by 75:25 (product : water) ratio with water.

After applying coating, air dry it (core / mould) for 10 to 20 minutes and then dry in oven at 110° C - 120° C for 1 hour.

PROPERTIES : The physical properties of CRAFTCOTE – ZA-100 are as follows :

- | | |
|---|---------------------------|
| 1) Colour | : Off White |
| 2) Appearance | : Thick Liquid |
| 3) Specific Gravity | : 2.15 to 2.25 @ 27 ± 3°C |
| Coating on dilution | |
| 80 : 20 (P: W) | : No peel off / No cracks |
| (Air dry for 20 min. & then
oven dry@110°C - 120°C
for 1 hr. | |
| 4) Gas Content of dry coating | : 15 to 20 cc/gm. |

PACKING :- 40 Kg P.C.

SHELF LIFE : 6 months