

FRANKOTE PMC-100/N

CERAMIC COATING

DESCRIPTION: Frankote PMC-100/N is a protective coating that may be applied to ladles, thermocouple tubes and other ferrous surfaces to prevent molten metal adhesion. This is a water-based mixture blended with a special additive to ensure a bright, smooth coating.

APPLICATION: Frankote PMC-100/N should be thoroughly stirred before use. Clean the surface to be protected of all previous coatings, rust, grease, etc. This product should be diluted with water and applied by dipping, brushing or spraying. Do not overcoat. Too heavy a coating will cause flaking or cratering. Two or three light coats produce better results than one thick one. Coating must air dry at least eight hours or should be forced dried before ladle can be used. Suggested frequency of coating should be once per shift.

CAUTION: NEVER PUT A WET LADLE INTO MOLTEN METAL.

BENEFITS: This ceramic coating will last longer than the typical red iron oxide, or red mud, that has been used in the past. Less coating frequency means less down time.

ENVIRONMENTAL: Although this ceramic coating is alkaline by nature, it is considered non-hazardous.

SUGGESTED DILUTION RATIOS:

Hand ladles.....2-3 parts water to 1 part concentrate
Automatic ladles.....1-3 parts water to 1 part concentrate
Thermocouples.....0-1 parts water to 1 part concentrate
Troughs.....0-1 parts water to 1 part concentrate
Ingot/sow molds.....1 part water to 1 part concentrate for initial coat –
3 parts water to 1 part concentrate for subsequent
coatings (preheat molds to 150°F prior to coating).

NOTE: If spray application is required, dilution ratios are usually in the range of 3:1 to 5:1, depending on the orifice size of the spray head.

SAFETY DATA & HANDLING: **KEEP FROM FREEZING! Heated storage areas are mandatory during winter months.** This product does not have a freeze/thaw cycle. If frozen, the product will be rendered useless. In the diluted state Frankote PMC may settle. Agitate prior to coating. Keep the unused portion of concentrate closed at all times to prevent from drying out. Once Frankote PMC dries, it cannot be diluted with water. Please refer to the MSDS for additional information.

PACKAGING: 1-gal, 5-gal and 55-gal containers

The information contained in this technical bulletin is, to the best of our knowledge, true and accurate. However, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. This product should be used as per LaFrance recommendations and should not be modified.