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ZYP Thermcoat FD78R

Manufactured by ZYP exclusively for Pyrotek®

Low Thermal Conductivity, Smooth Finish Coating

ZYP Thermcoat FD78R is a ready-to-use, thin viscosity, smooth and durable coating that displays non-wetting characteristics with molten aluminium, magnesium and other non-ferrous metals and their drosses. The coating has good thermal insulating properties and is best utilized in low-pressure wheel casting applications.

Thermcoat FD78R can be used as-is, or can be diluted with clean water.

Key Attributes

- Applies like house paint
- Water-based and free of solvents
- Minor settling
- Easy to clean up

Ideal Use

- Mould base layer
- Thin sections of riser and running system castings
- Cylinder head castings
- Engine block castings

Use Notes

1. Remove any oil, dirt, scale, etc. from the surfaces being coated.
2. Mix the coating thoroughly.
3. Apply by dipping, air-spraying or brush.
4. Allow the coating to dry thoroughly before use.
5. Clean the coating application tools with water.



Specifications

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|---|--------------------|
| Active Ingredient | Zircon, Iron Oxide |
| Maximum Use Temperature | Air 1000°C/1832°F |
| Specific Gravity | 1.29 |
| Colour | Red, Pink |
| Coverage—m ² /gal (ft ² /gal) | 5–15 (200–600) |
| Coating pH | 8–10 |
| Brookfield Viscosity (cps) @2/60 | 65–150 |
| Dilution Ratio (coating:water) | 4:1 maximum |

Sizes and Colours

Standard Size: 3.8 litre (1 gallon) pail. 19 litre (5 gallon) pail available upon request.

Safety Information

Prior to use, refer to the product safety data sheet for proper handling and required personal protective equipment.

CAUTION: DO NOT CONTACT WET COATINGS WITH MOLTEN METAL.

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