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ZYP Thermcoat RTM Blue

Manufactured by ZYP exclusively for Pyrotek®

Medium Thermal Conductivity, Smooth Finish Coating

ZYP Thermcoat RTM Blue 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 allows for the easy removal of aluminium alloy castings from moulds and leaves mirror-like finishes in window and low-draft angle areas.

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

Key Attributes

- Excellent release and lubrication of moulds
- Applies like house paint
- Water-based and free of solvents
- No settling
- Easy to clean up

Ideal Use

- Low-pressure wheel casting
- Cylinder head castings

Use Notes

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



Specifications

Active Ingredient	Boron Nitride, Talc
Maximum Use Temperature	Air 1000°C/1832°F
Specific Gravity	1.13
Colour	Light Blue
Coverage—m ² /gal (ft ² /gal)	5–15 (200–600)
Coating pH	8–10
Brookfield Viscosity (cps) @2/60	250–525
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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