



RFM SKIM DAM

CONTROLS DOWNSPOUT OXIDES

Pyrotek RFM® skim dams are used to prevent downspout oxides from escaping combo bags and being transferred to ingot edges. Oxides can cause severe cracking and scrapping in solidified ingots.

RFM skim dams can be custom designed to fit unique ingot shapes. RFM is a high-strength composite material that allows for thin cross section dam designs, and creates a knife edge that penetrates deep into moulds. RFM is tough, crack-resistant and has a low breakage rate.

RFM skim dams are available in floating and rigid mounts. Floating dams are typically hung from a casting distribution trough or launder with small chains or wires, and penetrate molten metal based on their buoyancy.

Coating an RFM skim dam with ZYP Boron Nitride Lubricoat-Blue® will make the dam non-wetting, reduce corrosion and erosion, prevent oxide buildup, reduce cleaning damage, help preserve the dam's shape and extend product life.

BENEFITS

- Minimal preheating required to remove surface moisture
- Improved thin cross section strength and longevity
- Excellent mechanical properties
- Non-wetting in molten aluminium
- Excellent erosion resistance
- High-temperature service
- Excellent crack resistance
- With proper maintenance, longer product life than board or cast refractory materials



APPLICATIONS

- Slab ingot casting
- Rolling ingot casting

AVAILABILITY

Manufactured to exact project specifications

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Lubricoat-Blue® is a registered trademark of ZYP Coatings, Inc.*

