



RFM SAMPLING SPOONS AND SKIMMERS

FOR SAMPLING, TESTING AND SKIMMING MOLTEN ALUMINIUM

RFM[®] sampling spoons are used to collect samples of molten metal to test its quality and alloy content. RFM sampling spoons and hand skimmers are available in a variety of standard shapes and sizes with various handle lengths. Custom shapes and sizes are available for specific application requirements.

RFM hand skimmers gather and remove dross from molten metal surfaces in furnace dip wells, troughs and tundishes. Standard sizes are available with or without drain holes, and custom shapes can be designed to conform to a specific refractory profile.

RFM is a tough, long-lasting composite ceramic material. It is hard wearing and insulating when compared to materials typically used in these applications, and is also naturally non-wetting in liquid aluminium. RFM can be coated with ZYP Boron Nitride Lubriccoat-Blue[®] ZS to further enhance its non-wetting properties.

BENEFITS

- No iron contamination
- Excellent corrosion resistance
- Lightweight composite refractory
- Custom designs available
- Minimal preheating to remove surface moisture
- Non-wetting to molten aluminium
- 60–70 times greater insulating value than steel tools



APPLICATIONS

- Metal sampling and testing
- Metal skimming and dross removal
- End-of-cast melt removal

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Lubriccoat-Blue[®] is a registered trademark of ZYP Coatings, Inc.

