



FOUNDRY PRODUCTS: Technical Data Sheet

PRODUCT: Refractory Coatings – Water Based Products.

HIGH SOLIDS ZIRCON BASED REFRACTORY COATING

MAN - ZW IS A HIGH SOLIDS, 100% ZIRCON COATING IN A WATER BASED CARRIER. IT IS USED IN IRON AND STEEL FOUNDRIES WHERE SEVERE METAL PENETRATION MAY BE A PROBLEM. BEING WATER BASED, THERE ARE NONE OF THE ODOUR OR FLAMMABILITY DRAWBACKS INHERENT IN ALCOHOL BASED SYSTEMS. IT IS ESPECIALLY USEFUL IN IMPROVING THE SURFACE FINISH OF LARGE CASTINGS POURED IN NO-BAKE BINDERS. IT IS PREFERABLE TO USE **MAN - ZW** AS CLOSE TO AS RECEIVED SO AS TO MINIMIZE DRYING TIMES.

SPECIFICATIONS

SPECIFIC GRAVITY	2.30 – 2.34
BAUMÉ	85° - 90°
VISCOSITY (BROOKFIELD #4, @100)	1100 - 1400 cps
COLOUR	OFF - WHITE

APPLICATION

WHERE POSSIBLE, **MAN - ZW** SHOULD BE USED AS RECEIVED. MINIMAL REDUCTION WITH WATER SHOULD BE EMPLOYED, AS NEEDED.

SPRAY:	70° - 80°
DIP:	70° - 80°
BRUSH:	80° - 90°
SWAB;	80° - 90°

MAN - ZW CAN BE AIR DRIED, TORCHED OR OVEN DRIED. ENSURE THAT THE COATING IS THOROUGHLY DRY BEFORE POURING.

Technical Data