

FOUNDRY PRODUCTS

Mould materials for non-ferrous metal casting.

SRS are specialists in the manufacture of mould materials for the casting of non-ferrous alloys by the block mould process. SRS have extensive knowledge of the behaviour and application of Gypsum Plaster in metal casting.

Benefits of plaster as a mould material:

- * Excellent for fine thin wall sections with high dimensional accuracy
- * Thermally insulating moulds promote slow cooling
- * Block moulds are capable of achieving high mould strengths
- * Castings can be removed easily from the moulds
- * Gating systems can be easily designed to promote non turbulent fill
- * Separate cores not required when using SRS plaster block moulds
- * Chills can be easily incorporated
- * Low capital cost for plant and equipment.



SRS FOUNDRY PLASTER™ is a foundry plaster for casting aluminum using a reclaimable pattern in wood or silicone rubber. SRS Foundry plaster has been used extensively for producing compressor wheels for turbo chargers and is currently in use by leading foundries world wide. SRS Foundry plaster is also used for producing prototype castings using a 2 part mould. SRS Foundry plaster gives excellent dimensional accuracy and is easy to break off without damaging thin walled aluminium castings.



SRS INDUSTRIAL 'A'™ is a solid mould investment powder for the lost wax process. It has been designed specifically for the block mould process for casting all non-ferrous metals. SRS INDUSTRIAL "'A'" has been used for many years by leading foundries in UK and on prestigious aerospace and defense work. SRS INDUSTRIAL 'A'™ will accurately produce flawless castings time after time.



SRS ARTCAST™ is a plaster based Investment powder for brass / bronze castings using the lost wax process. It is designed for smaller art or industrial castings and is one of the original products designed by SRS. ARTCAST has been used to produce some of the most famous small bronze pieces such as the BRIT AWARDS given to famous pop stars like Madonna.

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SRS COBRA™ is a specialist plaster designed for the casting of aluminium moulds for tyre manufacturing. COBRA is in use by the worlds leading tyre manufacturers and gives superior surface finish and dimensional accuracy - both of the utmost importance in these critical applications



SRS GLASS™ is a plaster based investment which has been specially developed for the production of glass sculptures by the Pate de Verre lost wax process method. GLASS is used by famous glass artists worldwide and by some of the largest glass sculpture factories in the world



SRS SCARPA™ is a specially formulated plaster for the shoe industry. It is used for the casting of aluminium mould plates used as the mould for shoe soles where short runs are required and the expense of a metal die is unnecessary Scarpa has been used for many years by shoe factories worldwide.



SRS SCULPTURE™ is a plaster based investment powder developed for the manufacture of large art castings in bronze or brass by the loss wax process. SCULPTURE has been designed to be used for especially large castings with up to 1000 kg of investment powder per mould Sculpture is designed to withstand the added demands of very large moulds.



SRS STUCCO™ is a special application plaster used by art foundries for the creation of plaster shell moulds. STUCCO was developed to allow craftsmen to hand or brush apply the plaster to create plaster shell moulds over delicate wax pieces.