



# GOLD STAR XXX



For the casting of yellow and white gold up to 18ct. Gold Star XXX is a superior quality gypsum-bonded jewellery investment powder which has been specially developed by our Research Team to meet the demands of the modern casting department.

It is an ideal investment powder for casting Silver, all Yellow Gold, and can withstand the demands of White Gold alloy up to 18 carat and can be used for casting both by the centrifugal or vacuum assisted methods.

Gold Star XXX is a robust investment yet still produces excellent quality castings with superb surface finish and fineness of detail. When mixed XXX wets up readily producing a slurry which has greater flow characteristics and allows for the finest of detail of the wax pattern to be faithfully reproduced; XXX also "cleans off the mould very easily.

Gold Star Powders are the only investment manufacturer in the world to produce our own highest grade unmineralised cristobalite and silica at our calcining and milling facility. This economy of scale allows us to produce top quality investment powders at competitive prices without compromising quality.



Gold Star Powders Private Limited  
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Do not remove flasks from furnace to cast until they have been held at casting temperature for a minimum of 1 hour. If held for less than 1 hour, the core of the flasks will be at a much higher temperature than the digital temperature display states, and may result in metal mould reaction.

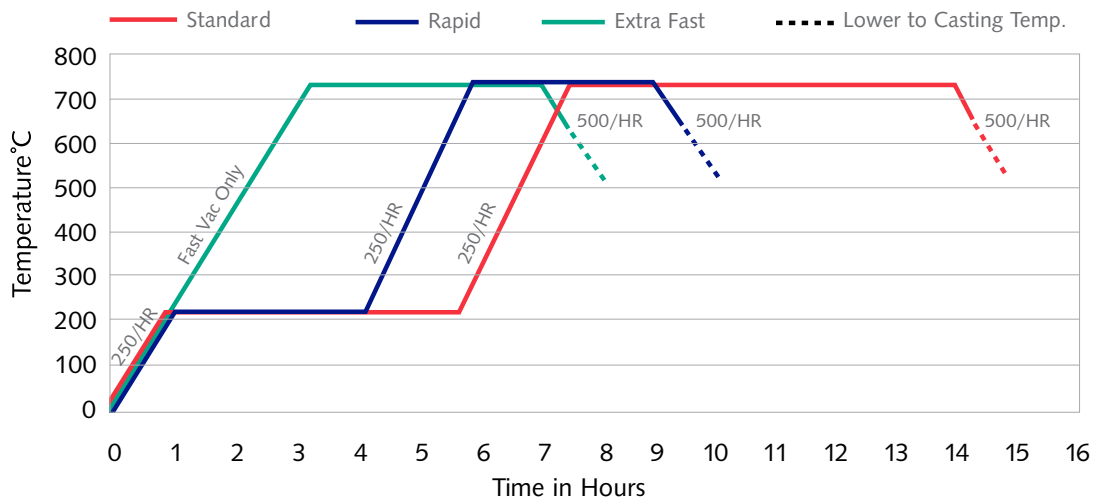
- Use de-ionised water
- Weigh water and powder
- Slurry temperature 21°C
- Leave for 90 min to stand before burnout cycle.

### WATER TO POWDER RATIO

MACHINE VACUUM MIXING	38:100
HAND MIX THEN VACUUM	40:100

MACHINE VACUUM MIXING	Min.
Weigh out water and powder	0
Add powder to water	0
Mix under vacuum	5
Pour flasks	2
Vacuum flasks	1
Total time take	8

HAND MIX THEN VACUUM	Min.
Weigh out water and powder	0
Add powder to water and mix	4
Vacuum mixer bowl	1
Pour flasks	1
Vacuum flasks	2
Total time taken	8



Gold Star XXX is available in the following packages:

- 45 KG Sack
- 45 KG Plastic Drum
- 22.5 KG Sack

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