



# GOLD STAR OMEGAΩ



Gold Star Omega has been formulated to deal with the most demanding situations, producing excellent results even at the most extreme temperatures. Omega has optimised thermal expansions, permeability and particle size distribution to enable it to produce the highest quality castings and reproduction of Master Models.

Omega has the highest content of un-mineralised Cristobalite in the GSP range. A grade of Cristobalite is specifically manufactured for Omega at our sister company's calcining and grinding facility, which ensures that the exact particle size grading required is achieved.

Omega is suitable for all Yellow and White Golds including High Percentage Palladium White Gold.

## OMEGAΩ



Gold Star Powders  
Spencroft Road, Newcastle-under-Lyme, England ST5 9JE  
Tel +44 (0)1782 663600 Fax +44 (0)1782 663611 Email [info@goldstarpowders.com](mailto:info@goldstarpowders.com)

[www.goldstarpowders.com](http://www.goldstarpowders.com)



# GOLD STAR OMEGAΩ

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.

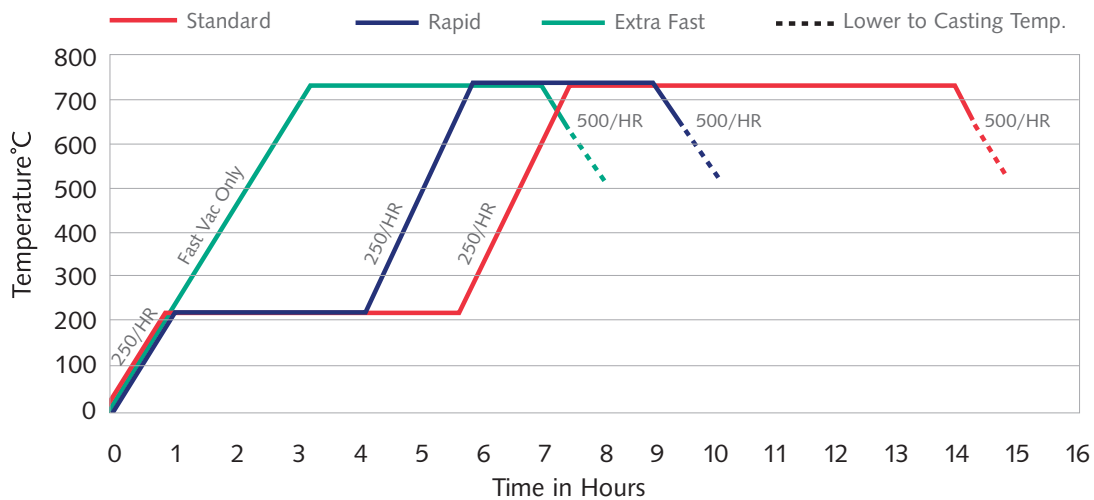
- Use de-ionised water
- Weigh water and powder
- Slurry temperature 21°C
- Leave for 90 min to stand before burnout cycle

## 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 Omega is available in the following packages:

- 22.5 KG Sack
- 45 KG Sack

- 45 KG Plastic Drum
- 45 KG Fibre Drum

Gold Star Powders

Spencroft Road, Newcastle-under-Lyme, England ST5 9JE

Tel +44 (0)1782 663600 Fax +44 (0)1782 663611 Email [info@goldstarpowders.com](mailto:info@goldstarpowders.com)

[www.goldstarpowders.com](http://www.goldstarpowders.com)