



# GOLD STAR SONA 22



Gold Star Sona 22 has been formulated to deal with the most demanding situations, producing excellent results even at the most extreme temperatures. Sona 22 has optimised thermal expansions, permeability and particle size distribution to enable it to produce the highest quality castings and reproduction of Master Models.

Sona 22 has the highest content of un-mineralised Cristobalite in the GSP range. A grade of Cristobalite is specifically manufactured for Sona 22 at our sister company's calcining and grinding facility, which ensures that the exact particle size grading required is achieved.

Sona 22 is suitable for all Yellow and White Golds including High Percentage Palladium White Gold.

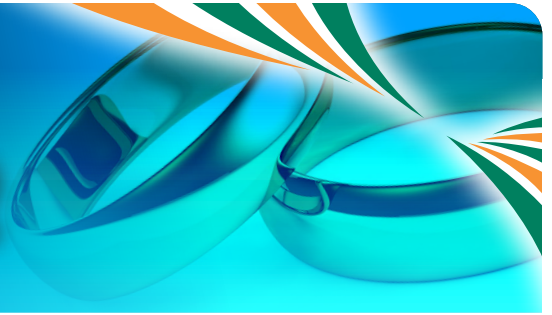


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Do not remove flasks from furnace to cast until they have been held at casting temperature for a minimum of 1 hour. If held for less than 1 hour, the core of the flasks will be at a much higher temperature than the digital temperature display states,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

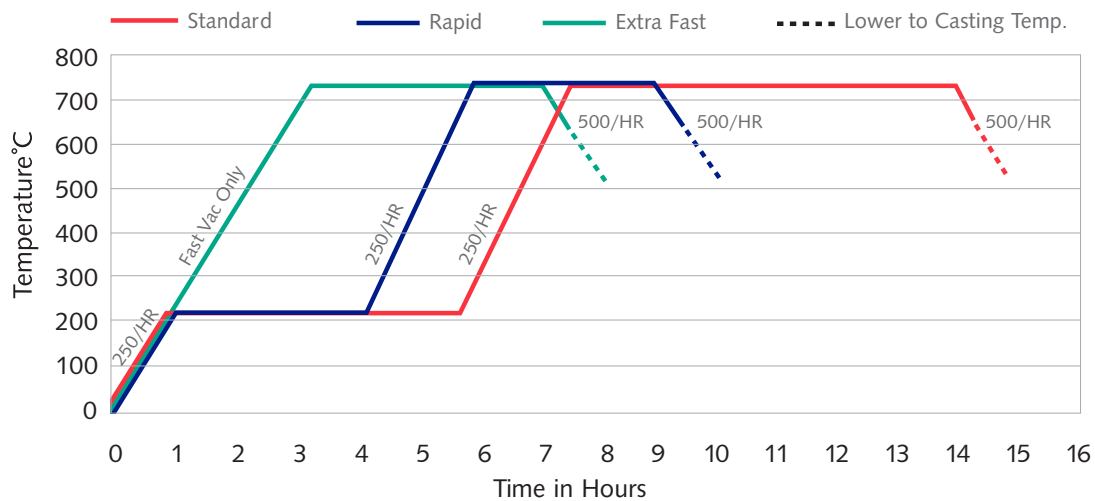
- Use de-ionised water
- Weigh water and powder
- Slurry temperature 21°C
- Leave for 90 min to stand before burnout cycle

### WATER TO POWDER RATIO

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

HAND MIX THEN VACUUM	Min.
Weigh out water and powder	0
Add powder to water	0
Mix by hand	1
Mix with machine	3
Vacuum mixer bowl	1
Pour flasks	1
Vacuum flasks	2
Total time taken	8

MACHINE VACUUM MIXING	Min.
Weigh out water and powder	0
Add powder to water	0
Mix under vacuum	1
Stop mixer and scrape blades	0.5
Mix under vacuum	3.5
Pour flasks	2
Vacuum flasks	1
Total time take	8



Gold Star Sona 22 is available in the following packages:

- 22.5 KG Sack
- 22.5 KG Plastic Drum



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