



GOLD STAR KB

Gold Star KB has been developed to deal with the most demanding conditions, producing world class results when casting high carat Yellow and White Gold, including high percentage Palladium and Nickel White Gold.

KB has optimised thermal expansions, permeability and particle size distribution to enable it to produce the highest quality castings and reproduction of Master Models.

Gold Star KB contains the highest content and grade on un-mineralised Cristobalite in the GSP range. Making KB suitable for all your Yellow and White Gold casting, including high percentage Palladium White Gold. Ease of use, which can withstand many different process conditions, KB is for manufacturers who require trouble free castings with the highest possible surface finish with an easy breakout after casting.

- **Ideal for thin walled hollow pieces**
- **Casts high percentage Palladium & Nickle White Gold**
- **Burns out up to 850°C (1472°F)**
- **Suitable in some instances for the casting of 3D Printed resins and carved machines master models**



Gold Star Powders

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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

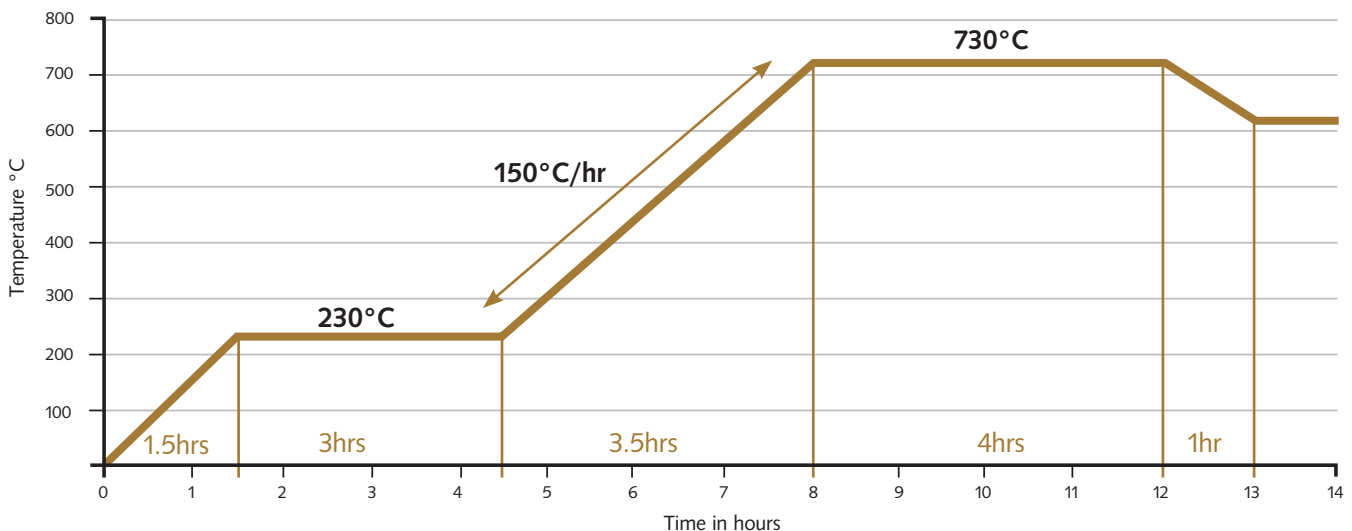
WATER TO POWDER RATIO

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

BURNOUT CYCLE



Gold Star KB is available in the following packages:

- 22.5 KG Sack
- 45 KG Sack

- 45 KG Plastic Drum
- 45 KG Fibre Drum

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