



SIGNATURE INVESTMENT POWDER

Signature is a high quality gypsum-bonded jewellery investment powder which has been specially developed by SCP. team. It is an ideal investment powder for casting silver and all yellow gold. Signature can withstand the high temperature of White Gold alloy up to 18 carat. Signature offers the following benefits to the jewellery caster:

- High purity raw materials graded and selected especially for jewellery lost wax casting.
- Increased refractoriness gives better thermal shock resistance during burnout and casting.
- More user friendly able to perform in a wider set of parameters.
- Suitable for all metals especially 18kt Gold or fine filigree work.
- Smoother surface finish - less polishing required.
- Can be used for casting both by the centrifugal or vacuum assisted methods.

PRODUCT PACKAGING

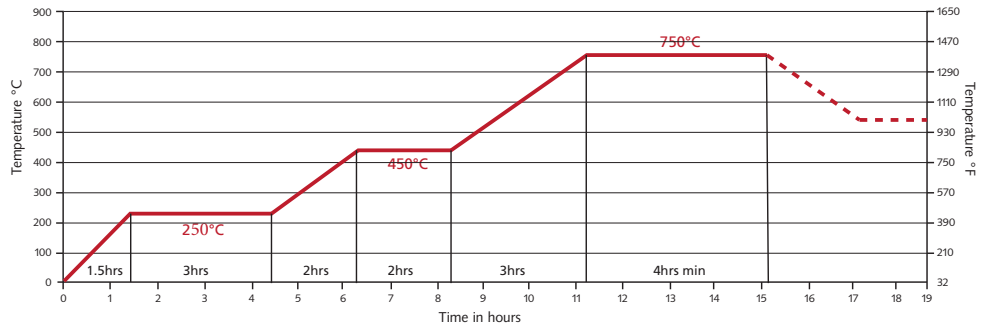
SACK : 22.5 kg. (50 lb.) Drum : 22.7 kg.



TECHNICAL DATA

Powder / Water Ratio	100/38
Working Time @ 25°C Slurry Temp	8-9 min.
Gloss Off Time @ 25°C Slurry Temp	12-14 min.
Thermal Expansion At 750°C	1.2%

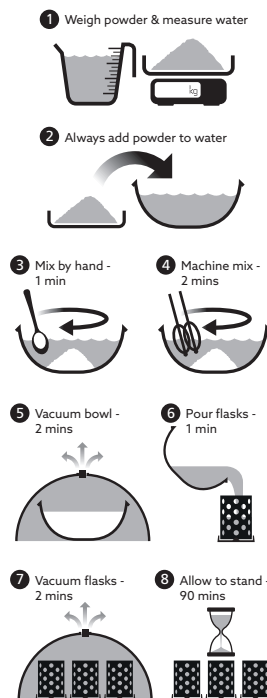
BURNOUT CYCLE



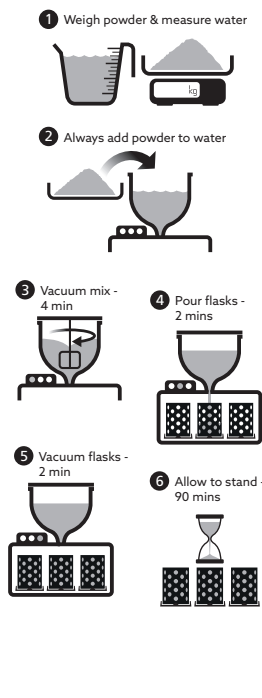
MIXING INSTRUCTIONS



Conventional Mixing



Vacuum Mixing



Water/Powder Ratio 38 :100

Conventional Mixing	Time (Mins)
Add Powder To Water	-
Hand Mix	1
Machine Mix	2
Vacuum Bowl	2
Pour Flasks	1
Vacuum Flasks	2
Total Mixing Time	8

Water/Powder Ratio 38:100

Vacuum Mixing	Time (Mins)
Add Powder To Water	-
Mix Under Vacuum	4
Pour Flasks	2
Hold Under Vacuum	2
Total Mixing Time	8