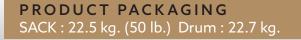


SUPREME INVESTMENT POWDER

Supreme is a superior quality gypsum-bonded jewellery investment powder which has been specially developed by our research team. It is an ideal investment powder for casting silver and all yellow gold. Supreme can withstand the high temperature of White Gold alloy up to 18 carat. Supreme 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.
- Smooth creamy consistency during mixing and pouring.
- Can be used for casting both by the centrifugal or vacuum assisted methods.





SUPREM



SUPREME INVESTMENT POWDER

TECHNICAL	Powder / Water Ratio	100/38
DATA	Working Time @ 25°C Slurry Temp	8-9 min.
	Gloss Off Time @ 25°C Slurry Temp	11-13 min.
	Thermal Expansion At 750°C	1.2%
BURNOUT CYCLE	Typical Standard	750°C 1470
	U 700 2 600	1290
	450°C	129 1110 930 750
	₫ 400 ₩ 300 250°C	
	200	- 390
	100 1.5hrs 3hrs 2hrs 1hrs 3hrs	210
	0 1 2 3 4 5 6 7 8 9 10 Time in hours	11 12 13 14 15 16 17 18 19
MIXING	Conventional Mixing Vacuum Mixing Weigh powder & measure water Weigh powder & measure	Water/Powder Ratio 38:100 Conventional Mixing Time (Mins
		Add Powder To Water -
1000		Hand Mix 1
	2 Always add powder to water 2 Always add powder to water	
		ter Machine Mix 2
the set of the second		ter Machine Mix 2 Vacuum Bowl 2
CONTRACT OF A DESCRIPTION OF A DESCRIPTI		
		Vacuum Bowl 2
	Mix by hand - 2 mins - 2 mins - 3 Vacuum mix - 4 min - 2 mins - 1 min - 2 mins - 1 min - 2 mins - 4 min - 2 Pour fit	Vacuum Bowl 2 Pour Flasks 1 Vacuum Flasks 2 Total Mixing Time 8
	1 min 2 mins	Vacuum Bowl 2 Pour Flasks 1 Vacuum Flasks 2 Total Mixing Time 8
	1 min 2 mins 3 Vacuum mix - 4 min 4 min	Vacuum Bowl 2 Pour Flasks 1 Vacuum Flasks 2 Total Mixing Time 8
	2 mins 4 min 2 mins 2 mins 4 min 2 mins 2 mins 2 mins 2 mins 2 mins	Add Powder To Water
	1 min 2 mins 1 min 2 mins Image: Straight of the straight o	Vacuum Bowl 2 Pour Flasks 1 Vacuum Flasks 2 Total Mixing Time 8 Water/Powder Ratio 38:100 Vacuum Mixing Time (Minsternation)
	1 min 2 mins 2 mins 4 min 4 min 2 mins 5 Vacuum bowl- 2 mins 9 Pour flasks - 1 min 1 min 9 Yacuum flasks - 2 mins	Asks - 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
	1 min 2 mins 1 min 2 mins 1 min 1 min	Asks - 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
	Vacuum bowl- 2 mins Vacuum bowl- 2 mins Vacuum bowl- 2 mins Vacuum flasks- 1 min Vacuum flasks- 2 min Vacuum flasks-	Vacuum Bowl 2 Pour Flasks 1 Vacuum Flasks 2 Total Mixing Time 8 Water/Powder Ratio 38:100 Vacuum Mixing Vacuum Mixing Time (Mins. Add Powder To Water - Mix Under Vacuum 4 Pour Flasks 2