



PROFESSIONAL INVESTMENT POWDER

Professional has been our greatest volume investment powder over the last decade, with a proven track record of success. Professional will meet the demands of casting Silver and Yellow Gold up to 18ct. This competitively priced product produces excellent surface finish, strong mold, and "clean off" the casting easily.

PRODUCT PACKAGING

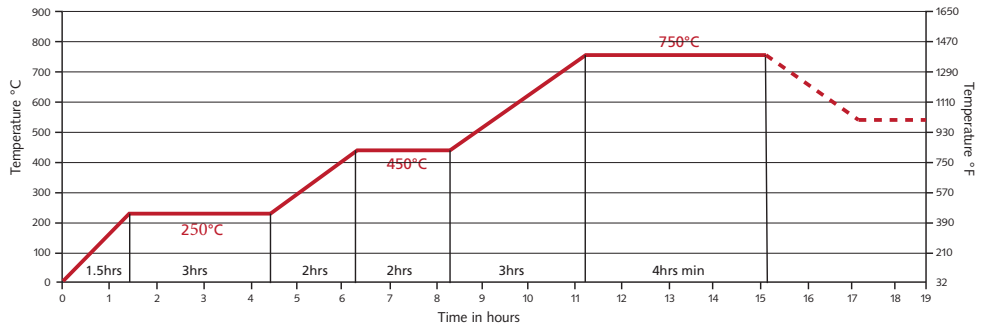
SACK : 22.5 kg. (50 lb.) Drum : 22.7 kg.



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

- 1 Weigh powder & measure water
- 2 Always add powder to water
- 3 Mix by hand - 1 min
- 4 Machine mix - 2 mins
- 5 Vacuum bowl - 2 mins
- 6 Pour flasks - 1 min
- 7 Vacuum flasks - 2 mins
- 8 Allow to stand - 90 mins

Vacuum Mixing

- 1 Weigh powder & measure water
- 2 Always add powder to water
- 3 Vacuum mix - 4 min
- 4 Pour flasks - 2 mins
- 5 Vacuum flasks - 2 min
- 6 Allow to stand - 90 mins

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