ROYAL CAST

FOR CASTING BRASS

Prestige ROYAL-CAST™ is a breakthrough in low cost, high quality, gypsum bonded investment material developed specifically for the casting of high & low production Brass & Bronze jewelry castings. High purity raw materials, specially graded refractory minerals, special additives and control chemicals for stable working times that reproduce sharp, detailed castings without watermarks an excellent choice for the quality conscious jewelry manufacturer makes ROYAL-CAST™ the perfect choice in production.

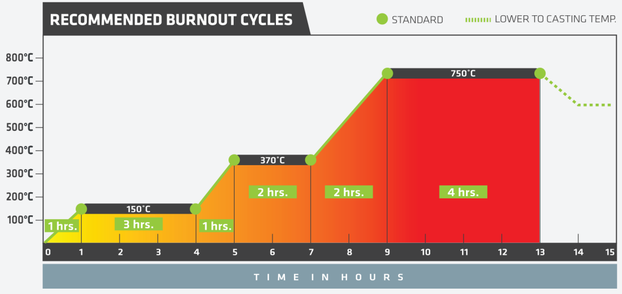
FEATURES

- Ease of use – Mixes a thin, creamy, easy to pour consistency
- High purity – Uses only the world's finest raw materials from America&Europe
- Control – Incorporates special, proprietary wetting and antifoaming agents for smooth, sharp, detailed castings
- Variable w/p ratios – Can be used for thick to thin designs using 38%-41% water to powder ratio
- Superior mold strength – Engineered to have superior mold strength for casting both small and the largest flasks in both small and high volume shops
- Heat resistance – Highly resistant to temperature with good thermal shock properties
- Sharp reproduction of detail. Particles sized specially to provide super results in casting brass & bronze

Independent tests performed by some of the world's best known casting companies, Prestige "ROYAL CAST" has proven to be a truly superior investment for casting brass.
"PERFECTION IN JEWELRY CASTING TECHNOLOGY"

Royal Cast comes in 22.5Kg. Plastic lined Poly Sacks

RECOMMENDED BURNOUT CYCLES



INSTRUCTIONS FOR MIXING

Powder: Water Ratio (38% - 40%)	Powder (Kg.)	Water (cc.)	Powder (Lb.)	Water (cc.)
Automatic Vac. Mixing	1	380	1	172
Conventional Mixing	1	400	1	181.6
Water Temperature °C	21-24	21-24	21-24	21-24

• Increasing the powder amount 1% will decrease the total working time for approximately 30 seconds

Automatic Vac. Mixing Mach.	Minutes
Accurately Weigh Powder / Water	-----
Add Powder to Water	-----
Mixing & Vacuuming	5
Pour into Flask	2
Vacuum Invested Flask	1
Total Working Time	8

• Allow to sit undistributed for 90-120 minutes before burnout

Conventional Mixing Mach.	Minutes
Accurately Weigh Powder Water	-----
Add Powder to Water & Mix	4
Vacuum the Bowl	1
Pour into Flask	1
Vacuum Invested Flask	2
Total Working Time	8

• Allow to sit undistributed for 90-120 minutes before burnout