

UNICAST

FOR CASTING YELLOW AND WHITE GOLD UP TO 18 CARAT

Prestige UNICAST™ is a premium quality gypsum bonded investment in the prestige line of investments designed for users that prefer one investment for multiple casting applications. UNICAST™ is a perfect choice for casting gold up to 18k and superior for producing the most complex designs in sterling and fine silver.

FEATURES

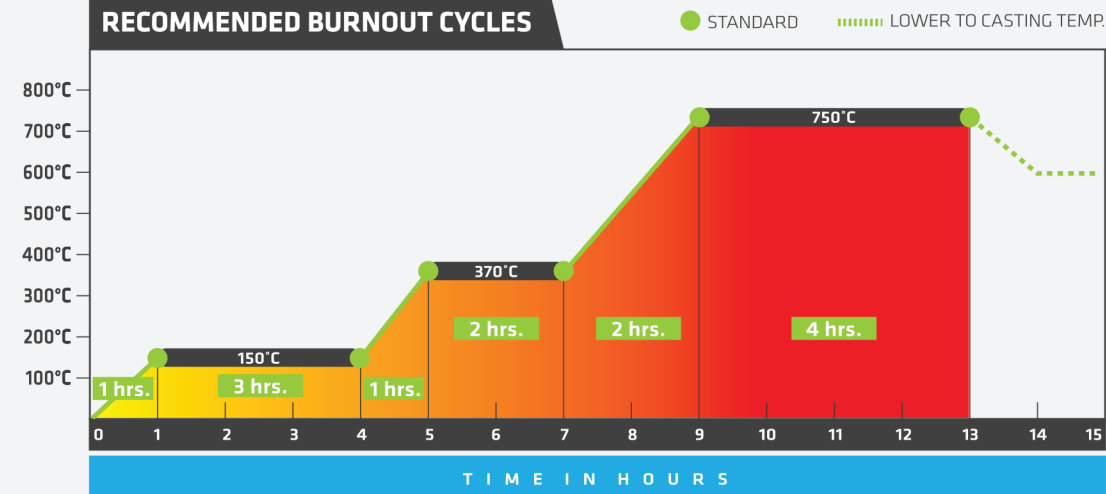
- Ease of use- Mixes a thin, creamy, easy to pour consistency
- Universal formula for a variety of casting applications
- Controlled expansion properties that are compatible with all commonly used injection waxes
- Variable water to powder ratio allows for a variety of mixing equipment and techniques to be used
- Reduces surface tension on wax to provide super smooth, bubble free castings
- Eliminates water marks from forming on casting surface
- Removes easily during water quench
- Eliminate defects still obtained with other brands when less than perfect mixing techniques are observed
- Highly consistent from batch to batch



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

Unicast comes in 22.5Kg. Plastic lined Poly Sacks or Ergonomic 22.5Kg. Plastic Drums package or 45Kg. Heavy duty reusable Plastic Drums for containment of used investment.

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

