

# IDOL CAST

## Investment Powder



AIICP IDOL CAST is a versatile investment powder used by the Indian arts industry for many years. It has been developed for the most exacting requirements of high definition large brass and silver statue castings with high and low temperatures.

AIICP IDOL CAST is a permeable investment powder precisely suitable for vacuum assisted castings.

It is a competitively priced product giving an excellent surface finish, stronger mould and easy clean off resulting in reduced metal loss and less polishing time.



## Technical Information

Do not remove flasks from furnace to cast until they have been held at casting temperature for a minimum of 1 hour. If held for less than 1 hour, the core of the flasks will be at a much higher temperature than the digital temperature display states, and may result in metal mould reaction.

- Slurry temperature 21 °C
- Leave for 90 min to stand before burnout

### WATER TO POWDER RATIO

MACHINE VACUUM MIXING	38:100
HAND MIX THEN VACUUM	40:100

MACHINE VACUUM MIXING	Min.
Weigh out water and powder	0
Add powder to water	0
Mix under vacuum	5
Pour flasks	2
Vacuum flasks	1
<b>Total time take</b>	<b>8</b>

HAND MIX THEN VACUUM	Min.
Weigh out water and powder	0
Add powder to water and mix	4
Vacuum mixer bowl	1
Pour flasks	1
Vacuum flasks	2
<b>Total time taken</b>	<b>8</b>

