



FOUNDRY Industrial 'A'

Block mould investment powder

INDUSTRIAL 'A'TM has been designed specifically for the block mould process for casting all non-ferrous metals. Used for many years by leading foundries in UK on prestigious aerospace and defence work **INDUSTRIAL 'A'**TM will accurately produce flawless castings time after time.



- **INDUSTRIAL 'A'**TM uses only closely graded high purity raw materials to give utmost consistency in addition to high green and fired strengths
- Quality controls on setting time, flow and thermal expansion ensures trouble free casting from batch to batch
- **INDUSTRIAL 'A'**TM mixes easily to give a creamy consistency and breaks away easily from the cast pieces
- Excellent surface finish with NO mould breakdown or surface defects reducing dressing time/costs after casting
- **INDUSTRIAL 'A'** can be adjusted to suit individual customer requirements. Idea for thin walled intricate castings impossible to produce by the shell process
- **INDUSTRIAL 'A'**TM cools slowly after casting promoting a uniformity of structure and mechanically properties in the cast pieces

Typical Properties - **INDUSTRIAL 'A'**TM INVESTMENT

Powder/water ratio	100/28
Work time @ 22°C	6 minutes
Setting time	8 minutes
Setting strength (90 minutes)	0.68 N/mm ²
Thermal expansion @ 750°C	0.5%
Setting expansion @ 2hrs	0.72%
Volume yield per kg powder	510ml

