ALLIED MINERAL PRODUCTS

Coreless Induction Furnace

Vacuum Metallurgy

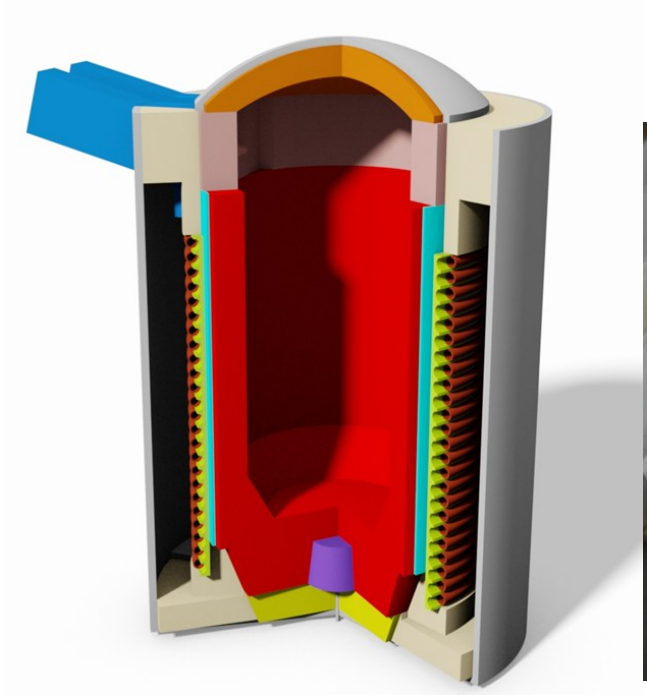
Application Guide

BENEFITS

- World renowned DRI-VIBE® product line for working linings and safety linings
- A complete range of product compositions available for customization
- Wide selection of Precast Refractory Shapes available

ALLIED FEATURES

- Global sales and service team
- Flexible worldwide manufacturing and supplier capabilities
- Custom Designs are available
- State of the art research capabilities





Area	Products	Type	Percentage	Installation Method
Working Lining / Back-up	DRI-VIBE® 388A	Alumina / Magnesia	87.7 / 10.9	Dry ram / Vibration
	DRI-VIBE® 648SP	Alumina / Magnesia	50.0 / 48.2	Dry ram / Vibration
	DRI-VIBE® 673M	Magnesia / Alumina	75.2 / 22.1	Dry ram / Vibration
	DRI-VIBE® 883A	Alumina / Magnesia	88.2 / 11.1	Dry ram / Vibration
	DRI-VIBE® 682A	Alumina / Magnesia	84.1 / 14.9	Dry ram / Vibration
	MINRO-MAG RAM M22 LD	Magnesia	96.9	Dry ram / Vibration
	X-ACT Technology® / Pre-cast Crucibles	Alumina	60-95	Dry fit / Seat

Area	Products	Type	Percentage	Installation Method
Structural	KAST TECH® 33 FINE	Tabular alumina	95.6	Vibration
	QUICK CAST® 62	Mullite	66.1	Vibration

Area	Products	Type	Percentage	Installation Method
Top Cap	RAM MAX PHOS FREE	Alumina	88.2	Hand tamp / pneumatic ram
	PATCH 669M	Magnesia / Alumina	54.3 / 32.4	Trowel / Pneumatic ram
	PATCH 674M	Magnesia / Alumina	53.5 / 34.3	Trowel, pneumatic ram

Area	Products	Type	Percentage	Installation Method
Grouts	GROUT 163ACF	Fused alumina	91.0	Trowel
	GROUT 563A	Fused alumina	86.1	Trowel
	GROUT 663A	Fused alumina	87.6	Trowel
	KAST TECH® 33 FINE	Tabular alumina	95.6	Vibration
	COIL-CAST 97A	Alumina	96.6	Self-flow / Vibration

Area	Products	Type	Percentage	Installation Method
Spouts	RAM MAX PHOS FREE	Alumina	88.2	Hand tamp / pneumatic ram
	Precast Shapes	Alumina	60-95	Dry fit / Seat

Area	Products	Type	Percentage	Installation Method
Tundish	Precast Shapes	Alumina	60-95	Dry fit / Seat

Area	Products	Type
Slip Plane	VAPORSHIELD	Barrier to vapor and molten metal
	GM 40SRP	Phlogophite mica laminated onto closely woven glass fabric layer