Coreless Induction Furnace

Copper

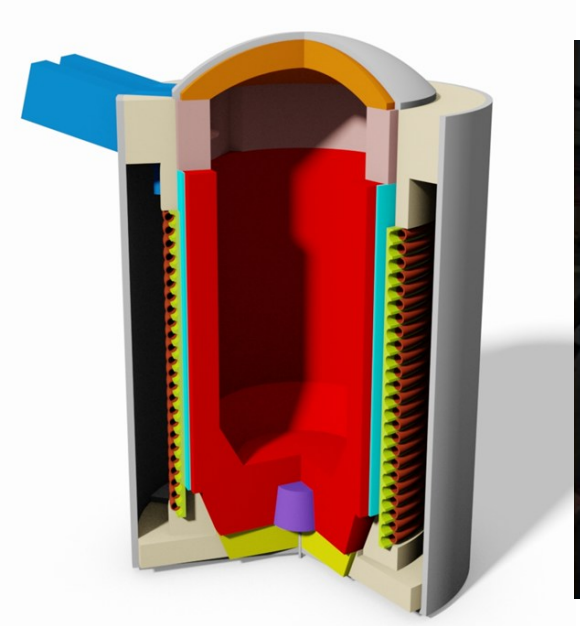
Application Guide

HIGHLIGHTS

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

ALLIED BENEFITS

- Global sales, service, and engineering teams
- Flexible worldwide manufacturing and supplier capabilities
- State of the art research capabilities





Area	Products	Type	Percentage	Installation Method
Working Lining	DRI-VIBE® 31A	Fused alumina / SiC	88.7 / 3.7	Dry ram / Vibration
	DRI-VIBE® 252A	Fused alumina / Magnesia	85.0 / 10.6	Dry ram / Vibration
	DRI-VIBE® 351A	Fused alumina / SiC	82.5 / 4.0	Dry ram / Vibration
	DRI-VIBE® 357A	Fused alumina	80.5	Dry ram / Vibration
	DRI-VIBE® 390A	Mullite / SiC	64.3 / 5.7	Dry ram / Vibration
	DRI-VIBE® 462S	Silica / Fused Silica	99.2	Dry ram / Vibration
	DRI-VIBE® LGS Cu	Silica	99.0	Dry ram / Vibration
	MINRO-SIL® 2001	Silica	99.2	Dry ram / Vibration

Area	Products	Type	Percentage	Installation Method
Spouts	RAM MAX® 85 P	Alumina	83.8	Hand / Pneumatic ram
	RAM MAX 70® P FINE	Alumina	67.8	Pneumatic ram
	STEEL-PAK 86CR	Alumina / Chrome Oxide	74.3 / 3.7	Hand / Pneumatic ram
	Precast Shapes	Alumina	50-95	Dry fit / Dry ram

Area	Products	Type	Percentage	Installation Method
Grouts	GROUT 563A	Fused Alumina	86.1	Trowel
	GROUT 663A	Fused Alumina	87.6	Trowel
	COIL CAST 97A	Alumina	96.6	Self-flow / Vibration

Area	Products	Type	Percentage	Installation Method
Cover	MATRIPUMP 50	Alumina	53.9	Vibration
	MINRO-FIRE CAST F80	Alumina	53.2	Vibration

Area	Products	Type	Percentage	Installation Method
Structural Components	LCF 47A-FR	Alumina	51.1	Vibration
	KAST TECH® 33 FINE	Tabular Alumina	95.7	Vibration
	QUICK CAST® 62	Mullite	67.7	Vibration
	Precast Shapes	Alumina	50-95	Dry Fit / Seat

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