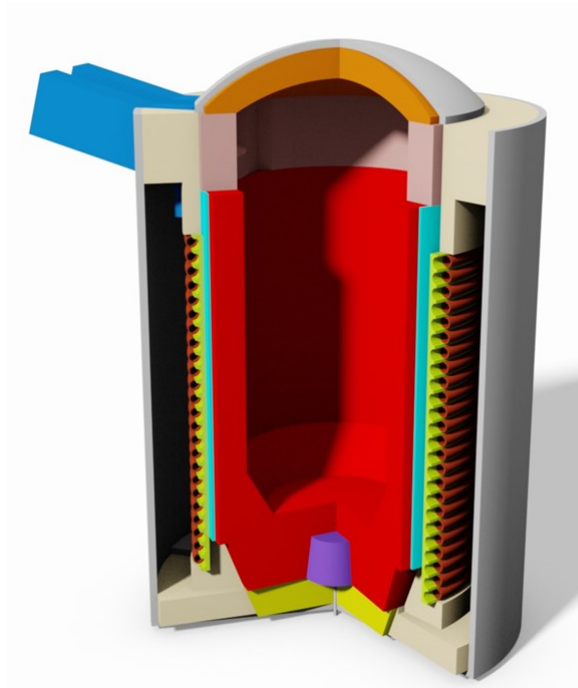


BENEFITS

- 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 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	DRI-VIBE® LGS	Silica	99.0	Dry ram / Vibration
	DRI-VIBE® 388A	Alumina / Magnesia	87.7 / 10.9	Dry ram / Vibration
	DRI-VIBE® 682A	Alumina / Magnesia	84.5 / 14.9	Dry ram / Vibration
	DRI-VIBE® 883A	Alumina / Magnesia	88.2 / 11.1	Dry ram / Vibration
	DRI-VIBE® 931A	Alumina / Magnesia	88.5 / 10.1	Dry ram / Vibration
	DRI-VIBE® 967Cr	Alumina / Magnesia / Chromia	80.5 / 14.2 / 4.7	Dry ram / Vibration
	DRI-VIBE® 975A	Alumina / Magnesia	87.0 / 12.2	Dry ram / Vibration
	DRI-VIBE® 985A	Alumina / Magnesia	87.0 / 12.2	Dry ram / Vibration
	MINRO-MAG RAM M20	Magnesia	97.0	Dry ram / Vibration
MINRO-MAG RAM M22 LD	Magnesia	96.9	Dry ram / Vibration	
Area	Products	Type	Percentage	Installation Method
TOP CAP	RAM MAX® 85 P	Alumina	83.8	Ram / Hand tamp
	DRI-VIBE® 480Cr	Alumina / Magnesia / Chromia	86.5 / 6.8 / 4.7	Dry ram / Vibration
	DRI-VIBE® 493A	Alumina / Magnesia	90.9 / 4.4	Dry ram / Vibration
	DRI-VIBE® 652A	Alumina / Magnesia	91.2 / 4.0	Dry ram / Vibration
	RAM MAX® 90 P FINE	Alumina	88.4	Ram / Hand tamp
	STEEL-PAK 86Cr	Alumina / Chromia	74.3 / 3.7	Ram / Hand tamp
Area	Products	Type	Percentage	Installation Method
SPOUT	RAM MAX® 90 P FINE	Alumina	88.4	Ram / Hand tamp
	PHOS FREE SEAL	Alumina	88.7	Ram / Hand tamp
	STEEL-PAK 86Cr	Alumina / Chromia	74.3 / 3.7	Ram / Hand tamp
	Precast Shapes	Alumina	50-95	Dry fit / Seat
Area	Products	Type	Percentage	Installation Method
GROUT	GROUT 163ACF	Fused alumina	91.0	Trowel
	GROUT 563A	Fused alumina	86.1	Trowel
	GROUT 663A	Fused alumina	87.6	Trowel
	MINRO-AL® CAST A44	Tabular alumina	95.0	Trowel / Vibration
	COIL-CAST 97A	Alumina	96.6	Self-flow / Vibration
Area	Products	Type	Percentage	Installation Method
STRUCTURAL COMPONENTS	LCF 47A-FR	Alumina	51.1	Vibration
	MINRO-AL® CAST A43	Tabular alumina	95.0	Vibration / Trowel
	QUICK CAST® 62	Mullite	66.1	Vibration
	Precast Shapes	Alumina	50-95	Dry fit / Seat
Area	Products	Description		
SLIP PLANE MATERIALS	VAPORSHIELD	Barrier to vapor and molten metal		
	SINTERFOIL 50 / 40	Phlogopite mica slip plane with glass tissue fiber reinforcement		
	GM 40SRP	Phlogopite mica laminated onto closely woven glass fabric layer		