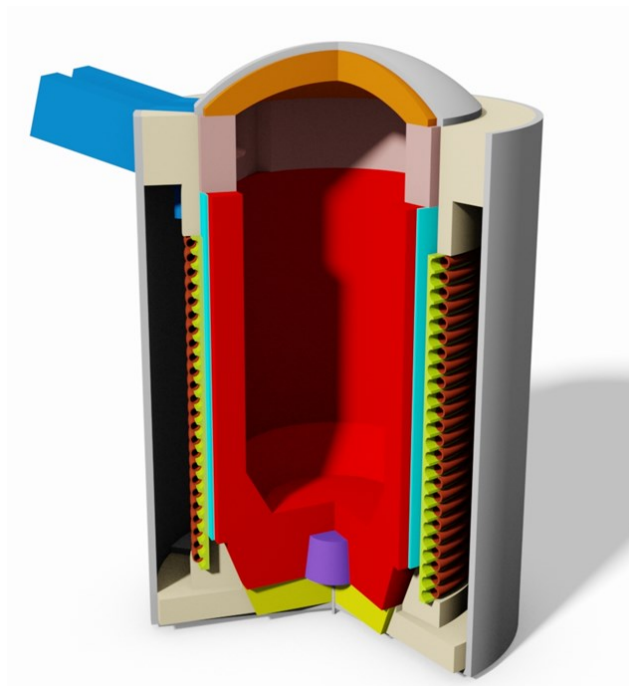


BENEFITS

- World renowned MINRO-SIL[®] and DRI-VIBE[®] product line for working linings
- A complete range of customizable 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® LGS HTC	Silica	99.0	Dry ram / Vibration
	MINRO-SIL® RAM 1001	Silica	99.2	Dry ram / Vibration
	MINRO-SIL® 2001	Silica	99.2	Dry ram, vibration
Area	Products	Type	Percentage	Installation Method
SPECIALTY LINING	DRI-VIBE® 149Z	Silica / Zircon	85.1 / 15.3	Dry ram / Vibration
	DRI-VIBE® LGS 258S-CR	Fused silica enriched / Chrome Oxide	97.3 / 1.0	Dry ram / Vibration
	DRI-VIBE® 458CR	Fused silica enriched / Chrome Oxide	97.3 / 1.0	Dry ram / Vibration
	DRI-VIBE® 461S	Fused silica enriched	99.2	Dry ram / Vibration
	DR-VIBE® 462S	Fused silica enriched	99.2	Dry ram / Vibration
	DRI-VIBE® 799A	Andalusite	79.9	Dry ram / Vibration
Area	Products	Type	Percentage	Installation Method
TOP CAP	RAM MAX® 75 P	Alumina	72.3	Pneumatic ram
	DRI-VIBE® 53A	Alumina	53.0	Dry ram / Vibration
	DRI-VIBE® 54A-FR	Alumina	53.0	Dry ram / Vibration
	DRI-VIBE® 231S-XB	Fused silica enriched	99.7	Dry ram / Vibration
	RAM MAX® 70 P FINE	Alumina	67.8	Pneumatic ram
	STEEL-PAK 86CR	Alumina / Chrome Oxide	74.3 / 3.7	Hand / Pneumatic ram
Area	Products	Type	Percentage	Installation Method
SPOUTS	RAM MAX® 75 P	Alumina	72.3	Pneumatic ram
	RAM MAX® 70 P FINE	Alumina	67.8	Pneumatic ram
	STEEL-PAK 86CR	Alumina / Chrome Oxide	74.3 / 3.7	
	PRECAST SHAPES	Alumina	50-95	Dry ram / Vibration
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	Vibration / Trowel
	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
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		