

Increase lining performance with DRI-VIBE® LGS

DRI-VIBE® LGS is a silica-based refractory designed for lining coreless induction furnaces melting grey, ductile and malleable iron in all types of iron foundries. It is also suitable for melting steel at low temperatures.

DRI-VIBE® LGS is provided as a dry, granular mix with preblended bond. The closely controlled, large grain size distribution in DRI-VIBE® LGS allows for high density, trouble-free linings.

Benefits

- Lower permeability
- Improved lining life
- Reduced sinter time
- Improved resistance to chemical erosion
- Excellent mechanical abrasion resistance
- Reduces elephants foot



Slag and metal infiltration of conventional silica-based dry vibratable



Slag and metal infiltration of LGS silica

Mortar	SiO ₂	Al ₂ O ₃	Density	Maximum Temperature
DRI-VIBE® LGS	99.0	0.6	2.21 g/cm ³ (138 lb/ft ³)	1650°C (3000°F)
DRI-VIBE® LGS HTC	99.0	0.6	2.21 g/cm ³ (138 lb/ft ³)	1650°C (3000°F)
DRI-VIBE® LGS CU	99.0	0.6	2.21 g/cm ³ (138 lb/ft ³)	1430°C (2600°F)
DRI-VIBE® LGS 231 X-B	99.2	0.5	1.89 g/cm ³ (118 lb/ft ³)	1650°C (3000°F)

