

TEK-CAST is a single component, no cement castable with a technologically advanced bond system for the most severe iron contact applications.

Benefits

- Cement free, single component
- Flexible heat up rates
- Abrasion resistant
- Superior hot strengths
- Excellent cold strengths
- Volume stable
- High tap temperature applications
- Designed for high production processes
- Short curing time

Applications

- Channel furnace
- Blast furnace troughs
- Cupolas
- Runners
- Taphole
- Tilters & Skimmers
- Troughs

Product	Installation	Al ₂ O ₃	Density	SiC+C
TEK-CAST 133A	Vibration Cast / Pump	57.5%	2.88 - 2.97 g/cm ³ (180 - 183 lb/ft ³)	33.6%
TEK-CAST 418A	Vibration Cast / Pump / Shotcrete	66.5%	2.68 - 2.77 g/cm ³ (167 - 173 lb/ft ³)	18.6%
TEK-CAST 426A	Vibration Cast / Pump / Shotcrete	77.9%	3.01 - 3.05 g/cm ³ (188 - 190 lb/ft ³)	6.4%
TEK-CAST 665A	Vibration Cast / Pump	69.7%	2.47 - 2.50 g/cm ³ (154 - 156 lb/ft ³)	—
TEK-CAST 707A	Vibration Cast / Pump	80.4%	3.08 - 3.17 g/cm ³ (192 - 198 lb/ft ³)	6.8%
TEK-CAST 712A	Vibration Cast / Pump	78.7%	3.09 - 3.14 g/cm ³ (193 - 196 lb/ft ³)	12.2%
TEK-CAST 717A	Vibration Cast / Pump	69.9%	2.93 - 3.14 g/cm ³ (183 - 196 lb/ft ³)	21.5%
TEK-CAST 719A	Vibration Cast / Pump	67.3%	2.92 - 3.01 g/cm ³ (182 - 188lb/ft ³)	20.6%
TEK-CAST 739A	Vibration Cast / Pump	45.2%	2.72 - 2.87 g/cm ³ (170 - 179lb/ft ³)	41.8%
TEK-CAST 750A	Vibration Cast	30.0%	2.56 - 2.85 g/cm ³ (160 - 178lb/ft ³)	54.9%
TEK-CAST TCM	Vibration Cast / Pump	62.2%	2.60 - 2.72 g/cm ³ (162-170lb/ft ³)	19.0%
TEK-CAST SKM	Vibration Cast	69.5%	2.61 - 2.80 g/cm ³ (163-175lb/ft ³)	19.1%

* Packaging available in various bulk bag sizes.



Channel Furnace



Blast Furnace Trough



Blast Furnace Tilter