

CASTABLES for HEAT TREAT & FORGE

DENSE - CONVENTIONAL CEMENT < 2.5% CaO

Product	Al ₂ O ₃ %	Density (g/cm ³ / lb/ft ³)	Temperature Limit (°C / °F)	Applications
TUFFLOOR	35.1	2.11 / 132	650°C (1200°F)	Flooring, coil end boards
TUFFLOOR HT	45.3	2.08 / 130	1370°C (2500°F)	Hearths, flooring
COIL CAST M	66.3	2.37 / 148	1650°C (3000°F)	Induction heating coils
COIL CAST FS - FS FAST	27.5	2.03 / 127	1315°C (2400°F)	Induction heating coils
CAST 217 FS - FS FINE	20.5	1.81 / 113	1315°C (2400°F)	Induction heating coils
COIL CAST 97A	96.6	3.03 / 189	1650°C (3000°F)	Induction heating coils

PUMPABLE / SELF-FLOW

Product	Al ₂ O ₃ %	Density (g/cm ³ / lb/ft ³)	Temperature Limit (°C / °F)	Applications
TUFFLOOR	35.1	2.11 / 132	650°C (1200°F)	Flooring, coil end boards
TUFFCRETE 47	47.1	2.21 / 138	1540°C (2800°F)	Subhearths, curb walls
TUFFCRETE 70X	68.0	2.63 / 164	1650°C (3000°F)	Hearths
TUFF-FLO 50	50.2	2.32 / 145	1650°C (3000°F)	Hearths, curb walls,
TUFF-FLO 60 A	59.6	2.58 / 161	1700°C (3100°F)	Hearths, jambs, sills
TUFF-FLO FSM	34.8	2.20 / 137	1370°C (2500°F)	Pier blocks, sills
ARMORMAX® 70 SR	70.1	2.66 / 166	1430°C (2600°F)	Hearths, pier blocks, lintels, jambs, sills

SHOTCRETABLE

Product	Al ₂ O ₃ %	Density (g/cm ³ / lb/ft ³)	Temperature Limit (°C / °F)	Applications
TUFFCRETE 70X	68.0	2.63 / 164	1650°C (3000°F)	Hearths
FAST-TURN 60 M	60.5	2.48 / 155	1700°C (3100°F)	Burner blocks, jambs, sills



INSULATING CASTABLES

Product	Al ₂ O ₃ %	Density (g/cm ³ / lb/ft ³)	Temperature Limit (°C / °F)	Applications
INSULMIX 20	25.5		1100°C (2000°F)	Subhearth
INSULMIX 3A	40.0	1.18 / 74	1315°C (2400°F)	Subhearth
MATRILITE 24AC	41.8	1.23 / 77	1345°C (2450°F)	Subhearth
INSULMIX 25HS	29.3	1.47 / 92		Subhearth

