

HTF PRODUCT TABLES

CASTABLES

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) | Subhearths |
| INSULMIX 3A | 40.0 | 1.18 / 74 | 1315°C (2400°F) | Subhearths |
| MATRILITE 24AC | 41.8 | 1.23 / 77 | 1345°C (2450°F) | Subhearths |
| INSULMIX 25HS | 29.3 | 1.47 / 92 | | Subhearths |