

## CASTABLES for HEAT TREATING & FORGING

### CONVENTIONAL CEMENT >2.5% CaO

| Product                | Al <sub>2</sub> O <sub>3</sub> % | Density<br>(g/cm <sup>3</sup> / lb/ft <sup>3</sup> ) | Temperature Limit<br>(°C / °F) | Applications              |
|------------------------|----------------------------------|------------------------------------------------------|--------------------------------|---------------------------|
| TUFFLOOR               | 35.1                             | 2.11 / 132                                           | 650 / 1200                     | Flooring, Coil End Boards |
| COIL CAST FS - FS FAST | 27.5                             | 2.03 / 127                                           | 1315 / 2400                    | Induction Heating Coils   |
| CAST 217 FS - FS FINE  | 20.5                             | 1.81 / 113                                           | 1315 / 2400                    | Induction Heating Coils   |
| TUFFLOOR HT            | 45.3                             | 2.08 / 130                                           | 1370 / 2500                    | Hearths, Flooring         |
| COIL CAST M            | 66.3                             | 2.37 / 148                                           | 1650 / 3000                    | Induction Heating Coils   |
| COIL CAST 97A          | 96.6                             | 3.03 / 189                                           | 1650 / 3000                    | Induction Heating Coils   |

### PUMP

| Product          | Al <sub>2</sub> O <sub>3</sub> % | Density<br>(g/cm <sup>3</sup> / lb/ft <sup>3</sup> ) | Temperature Limit<br>(°C / °F) | Applications                                |
|------------------|----------------------------------|------------------------------------------------------|--------------------------------|---------------------------------------------|
| TUFFLOOR         | 35.1                             | 2.11 / 132                                           | 650 / 1200                     | Flooring, Coil End Boards                   |
| TUFF-FLO FSM     | 34.8                             | 2.20 / 137                                           | 1370 / 2500                    | Pier Blocks, Sills                          |
| PUMPLITE 80      | 41.6                             | 1.25 / 85                                            | 1425 / 2600                    | Sub Hearths, Walls                          |
| ARMORMAX® 70 SR  | 70.1                             | 2.66 / 166                                           | 1430 / 2600                    | Hearths, Pier Blocks, Lintels, Jambs, Sills |
| TUFFCRETE® 47    | 47.1                             | 2.21 / 138                                           | 1540 / 2800                    | Sub Hearths, Curb Walls                     |
| ALAKAST 65- LC-P | 64.7                             | 2.40 / 150.2                                         | 1649 / 3000                    | Hearths, Jambs, Sills, Curb Walls           |
| TUFF-FLO 50      | 50.2                             | 2.32 / 145                                           | 1650 / 3000                    | Hearths, Curb Walls                         |
| TUFF-FLO 60 A    | 59.6                             | 2.58 / 161                                           | 1700 / 3100                    | Hearths, Jambs, Sills                       |

### SHOTCRETE

| Product         | Al <sub>2</sub> O <sub>3</sub> % | Density<br>(g/cm <sup>3</sup> / lb/ft <sup>3</sup> ) | Temperature Limit<br>(°C / °F) | Applications                          |
|-----------------|----------------------------------|------------------------------------------------------|--------------------------------|---------------------------------------|
| BLASTKAST 70 LC | 65.3                             | 2.36 / 147.6                                         | 1649 / 3000                    | Lintels, Sills, Hearths, Jambs, Walls |
| TUFFCRETE® 70X  | 68.0                             | 2.63 / 164                                           | 1650 / 3000                    | Hearths, Jambs, Sills                 |
| FAST-TURN 60 M  | 60.5                             | 2.48 / 155                                           | 1700 / 3100                    | Burner Blocks, Jambs, Sills           |



## INSULATING

| Product           | Al <sub>2</sub> O <sub>3</sub> % | Density<br>(g/cm <sup>3</sup> / lb/ft <sup>3</sup> ) |         | Temperature Limit<br>(°C / °F) | Applications |
|-------------------|----------------------------------|------------------------------------------------------|---------|--------------------------------|--------------|
| INSULITE® 2025    | 15.4                             | 0.32 - 0.48                                          | 20 - 30 | 1090 / 2500                    | Cast, Gun    |
| INSULITE® 2460 LI | 43.8                             | 1.00                                                 | 62      | 1315 / 2400                    | Cast, Gun    |
| BETAMAX® 24 LT    | 42.4                             | 1.23                                                 | 77      | 1345 / 2450                    | Cast         |
| INSULITE® 25 HS   | 29.0                             | 1.47                                                 | 92      | 1371 / 2500                    | Cast, Gun    |

