
INSULATING CASTABLES
(Visit www.hwr.com for detailed technical data)

GREENLITE® CASTABLE 22

(Formerly LITECAST 2200) GREENLITE CASTABLE 22 is a 2200°F (1203°C) maximum service temperature castable that can be cast, gunned, or pumped. It has a moderate density, good strengths, and a low permanent linear change after heating to 1500°F (816°C). (Density 61 pcf cast / 65 pcf gun / 60 pcf pump)

GREENLITE® 23 LI PLUS DS

Is a 2300°F (1203°C) maximum service temperature insulating castable that can be cast or gunned. It has moderate density, good strengths, and a low permanent linear change after heating to 1500°F (816°C). (Density 51 pcf cast / 62 pcf gun)

GREENLITE®-45-L PLUS

(Formerly GREENCAST® 45-L): A 2500°F (1371°C) insulating castable with moderate density, low shrinkage, and high strengths. It can be only be cast. (Density 71 pcf)

GREENLITE®-45-L GR ONLINE PLUS

(Formerly GREENCAST® L GR): A 2500°F (1371°C) gunning insulating castable. It exhibits high strengths, moderate density, and low shrinkage. It should only be gunned. GREENLITE 45 L GR PLUS DS contains the "DS" additive to greatly minimize dusting during gunning. (Density 77 pcf)

GREENLITE® 26 LIG PLUS

A 2600°F (1427°C) gunning insulating castable. It exhibits high strengths, moderate density, and low shrinkage. It should only be gunned. It is suitable for "one shot" linings in the petrochemical industry. (Density 91 pcf)

GREENLITE® 75-28 PLUS

(Formerly LITECAST® 75-28) A lightweight, super-duty, hydraulic setting castable with high strength. GREENLITE® 75-28 is rated to 2800°F (1538°C). This product can only be cast. (Density 77 pcf)

GREENLITE® 75-28 G PLUS

(Formerly LITECAST® 75-28 G) A 2800°F (1538°C) gunning insulating castable. It exhibits high strengths, moderate density, and low shrinkage. It should only be gunned. (Density 85 pcf)

KAST-O-LITE® 20 PLUS

(Formerly VSL-35) A 2000°F (1093°C) insulating castable usable in direct contact with hot gases under continuous or intermittent operation without loss of thermal efficiency. Can be cast or gunned. (Density 31 pcf cast / 39 pcf gun)

KAST-O-LITE® 20 LI ADTECH®

(Formerly H-W® LT WT CASTABLE 20) A low iron insulating castable with a maximum service temperature of 2000°F (1093°C). (Density 37 pcf)

KAST-O-LITE® 20-45 G ADTECH®

A 2000°F (1093°C) insulating castable with low density, good strengths, and low shrinkage. Can be cast or gunned. (Density 25 pcf cast / 40 pcf gun)

KAST-O-LITE® 22 PLUS

(Formerly CASTABLE INSULATION #22) A lightweight castable for temperatures to 2200°F (1205°C). It features low thermal conductivity and good strength for such a lightweight material. (Density 53 pcf)

KAST-O-LITE® 22 G PLUS

(Formerly H-W LT WT GUN MIX22) A 2200°F (1205°C) insulating castable developed for gunned applications. Characterized by good volume stability, low gunning rebound loss, and good resistance to thermal shock. (Density 76 pcf)

KAST-O-LITE® 23 LI PLUS

(Formerly VSL-50) Is a 2300°F (1260°C) maximum service temperature insulating castable. It contains low iron to resist detrimental reducing furnace conditions. Typical applications are: flues, stacks, breechings, controlled atmosphere furnaces, petroleum transfer and riser back-up linings, catalytic reformer linings behind stainless steel shroud and waste heat boilers. This product can be cast or gunned. (Density 51 pcf cast / 62 pcf gun)

KAST-O-LITE® 23 ES ADTECH®

(Formerly H-W® LT WT ES REFRACTORY) An intermediate strength insulating castable with a maximum service temperature of 2300°F (1260°C). This product can be cast or gunned. (Density 81 pcf cast / 94 pcf gun)

KAST-O-LITE® 26 LI PLUS

(Formerly KAST-O-LITE® 25) A low iron insulating castable with a maximum service temperature of 2600°F (1427°C). This product can only be cast. (Density 86 pcf)

KAST-O-LITE® 26 LI G ADTECH®

(Formerly H-W® LT WT GUNMIX 26) A high performance gun mix designed especially for applications where its combination of insulating ability and high temperature strength enables it to perform as a "one shot" lining. Characterized by good volume stability and resistance to thermal shock. Guns with low rebound loss. A maximum service temperature of 2600°F (1427°C). (Density 105 pcf)

KAST-O-LITE® 30 LI PLUS

(Formerly KAST-O-LITE® 30) A lightweight insulating castable with high purity cement and a maximum service temperature 3000°F (1649°C). This product can only be cast. (Density 90 pcf)

KAST-O-LITE® 30 LI G PLUS

(Formerly KAST-O-LITE® 30 GR) Is a high alumina, lightweight, 3000°F (1649°C) maximum service temperature insulating gunning castable. It exhibits moderate density, excellent strengths, low iron, low thermal conductivity, and low rebound. (Density 98 pcf)

KAST-O-LITE® 97 L PLUS (Formerly GREENCAST®-97-L)

A 3300°F (1815°C) maximum service temperature insulating castable. It contains bubble alumina for high strength and moderate density. It has a very low silica content to resist detrimental hydrogen atmospheres. This product can only be cast. (Density 89 pcf)

HPV GUN MIX

Is a 2500°F (1371°C) Maximum temperature medium weight erosion resistant gunning mix. It is suitable for "one shot" linings in the petrochemical industry. Typical applications include FCCU reactor and regenerator sidewall linings. (Density 110 pcf)

HPV 110 CASTABLE

Is a 2500°F (1371°C) 110 pcf abrasion resistance fireclay castable that may be vibrate cast or installed to a self-leveling consistency. HPV 110 CASTABLE is an outstanding choice for any application requiring abrasion resistance and low thermal conductivity. (Density 110 pcf vibrate cast / 105 pcf self flow)

*Note!: All densities are material required to install, not fired density.
"Online" Castables are quick turnaround or rapid setting monolithics.
"Plus" or "Adtech" materials contain fibers for fast firing.*