

## CALCESTRUZZI DENSI

PRODOTTO (PRODUCT)	Temperatura d'impiego (service temperature)	Refrattarietà (refractoriness)	Composizione chimica (chemical composition)	Presatura (setting)	Resistenza alla compressione a freddo (cold crushing strength)	Conducibilità termica (thermal conductivity)	Variazione dimensionale (linear change of dimension)	Densità (density)	Metodo di applicazione (application method)
LICOFEST 14	1250°C	1410°C	Al <sub>2</sub> O <sub>3</sub> 35% SiO <sub>2</sub> 49% Fe <sub>2</sub> O <sub>3</sub> 5% CaO 8%	IDRAULICA (HYDRAULIC)	a/at 105°C: 25 N/mm <sup>2</sup> a/at 815°C: 15 N/mm <sup>2</sup> a/at 1100°C: 18 N/mm <sup>2</sup>	a/at 200°C: 0,71 W/mk a/at 400°C: 0,68 W/mk a/at 600°C: 0,61 W/mk a/at 800°C: 0,68 W/mk a/at 1000°C: 0,78 W/mk a/at 1200°C: 0,85 W/mk	a/at 815°C: - 0,20% a/at 1100°C: - 0,25%	a/at 105°C: 1900 Kg/mc a/at 815°C: 1800 Kg/mc	GETTATO/VIBRATO BY CASTING/VIBRATION
LICOFEST 32	1500°C	1710°C	Al <sub>2</sub> O <sub>3</sub> 53% SiO <sub>2</sub> 41% Fe <sub>2</sub> O <sub>3</sub> 0,9% CaO 4,5%	IDRAULICA (HYDRAULIC)	a/at 105°C: 40 N/mm <sup>2</sup> a/at 815°C: 30 N/mm <sup>2</sup> a/at 1100°C: 30 N/mm <sup>2</sup> a/at 1300°C: 45 N/mm <sup>2</sup>	a/at 200°C: 0,75 W/mk a/at 400°C: 0,70 W/mk a/at 600°C: 0,68 W/mk a/at 800°C: 0,74 W/mk a/at 1000°C: 0,80 W/mk a/at 1200°C: 0,86 W/mk	a/at 815°C: - 0,10% a/at 1300°C: - 0,15%	a/at 105°C: 2150 Kg/mc a/at 815°C: 2050 Kg/mc	GETTATO/VIBRATO BY CASTING/VIBRATION
LICOFEST H82	1700°C	1875°C	Al <sub>2</sub> O <sub>3</sub> 85% SiO <sub>2</sub> 5% Fe <sub>2</sub> O <sub>3</sub> 1,2% CaO 5%	IDRAULICA (HYDRAULIC)	a/at 105°C: 45 N/mm <sup>2</sup> a/at 815°C: 30 N/mm <sup>2</sup> a/at 1300°C: 40 N/mm <sup>2</sup> a/at 1500°C: 50 N/mm <sup>2</sup>	a/at 200°C: 1,68 W/mk a/at 400°C: 1,63 W/mk a/at 600°C: 1,57 W/mk a/at 800°C: 1,60 W/mk a/at 1000°C: 1,66 W/mk a/at 1200°C: 1,70 W/mk a/at 1400°C: 1,80 W/mk	a/at 815°C: - 0,10% a/at 1300°C: - 0,28%	a/at 105°C: 2725 Kg/mc a/at 815°C: 2650 Kg/mc	GETTATO/VIBRATO BY CASTING/VIBRATION
LICOFEST TAL 96 K	1740°C	1950°C	Al <sub>2</sub> O <sub>3</sub> 94% SiO <sub>2</sub> 0,9% Fe <sub>2</sub> O <sub>3</sub> 0,4% CaO 4%	IDRAULICA (HYDRAULIC)	a/at 105°C: 70 N/mm <sup>2</sup> a/at 815°C: 35 N/mm <sup>2</sup> a/at 1300°C: 62 N/mm <sup>2</sup> a/at 1500°C: 62 N/mm <sup>2</sup>	a/at 200°C: 1,68 W/mk a/at 400°C: 1,63 W/mk a/at 600°C: 1,57 W/mk a/at 800°C: 1,60 W/mk a/at 1000°C: 1,66 W/mk a/at 1200°C: 1,70 W/mk a/at 1400°C: 1,80 W/mk	a/at 815°C: - 0,10% a/at 1500°C: - 0,20%	a/at 105°C: 2780 Kg/mc a/at 815°C: 2700 Kg/mc	GETTATO/VIBRATO BY CASTING/VIBRATION
LICOFEST 3500 HT	1650°C	1740°C	Al <sub>2</sub> O <sub>3</sub> 56% SiO <sub>2</sub> 37% Fe <sub>2</sub> O <sub>3</sub> 0,9% CaO 3,5%	IDRAULICA (HYDRAULIC)	a/at 105°C: 30 N/mm <sup>2</sup> a/at 815°C: 37 N/mm <sup>2</sup> a/at 1300°C: 30 N/mm <sup>2</sup> a/at 1500°C: 22 N/mm <sup>2</sup>	a/at 200°C: 0,95 W/mk a/at 400°C: 0,87 W/mk a/at 600°C: 0,80 W/mk a/at 800°C: 0,85 W/mk a/at 1000°C: 0,90 W/mk a/at 1200°C: 0,95 W/mk	a/at 815°C: - 0,10% a/at 1100°C: - 0,15% a/at 1300°C: - 0,25%	a/at 105°C: 2130 Kg/mc a/at 815°C: 2090 Kg/mc	GETTATO/VIBRATO BY CASTING/VIBRATION
LICOFEST 3550 HT	1650°C	1740°C	Al <sub>2</sub> O <sub>3</sub> 60% SiO <sub>2</sub> 33% Fe <sub>2</sub> O <sub>3</sub> 0,9% CaO 3,7%	IDRAULICA (HYDRAULIC)	a/at 105°C: 40 N/mm <sup>2</sup> a/at 815°C: 35 N/mm <sup>2</sup> a/at 1100°C: 35 N/mm <sup>2</sup> a/at 1300°C: 40 N/mm <sup>2</sup>	a/at 200°C: 1,05 W/mk a/at 400°C: 1,00 W/mk a/at 600°C: 1,02 W/mk a/at 800°C: 1,04 W/mk a/at 1000°C: 1,07 W/mk a/at 1200°C: 1,10 W/mk	a/at 815°C: - 0,10% a/at 1300°C: - 0,20%	a/at 105°C: 2210 Kg/mc a/at 815°C: 2160 Kg/mc	GETTATO/VIBRATO BY CASTING/VIBRATION
LICOFEST MZ QH	1600°C	1760°C	Al <sub>2</sub> O <sub>3</sub> 56% SiO <sub>2</sub> 12% Fe <sub>2</sub> O <sub>3</sub> 0,5% ZrO <sub>3</sub> 27%	IDRAULICA (HYDRAULIC) CHIMICA (CHEMICAL)	a/at 110°C: 50 N/mm <sup>2</sup> a/at 800°C: 40 N/mm <sup>2</sup> a/at 1200°C: 45 N/mm <sup>2</sup>	a/at 200°C: 1,70 W/mk a/at 400°C: 1,61 W/mk a/at 600°C: 1,50 W/mk a/at 800°C: 1,49 W/mk a/at 1000°C: 1,50 W/mk a/at 1200°C: 1,55 W/mk	a/at 1500°C: ± 0%	2550 Kg/mc	GETTATO/VIBRATO BY CASTING/VIBRATION

## CALCESTRUZZI PER GUNITAGGIO

PRODOTTO (PRODUCT)	Temperatura d'impiego (service temperature)	Refrattarietà (refractoriness)	Composizione chimica (chemical composition)	Presatura (setting)	Resistenza alla compressione a freddo (cold crushing strength)	Conducibilità termica (thermal conductivity)	Variazione dimensionale (linear change of dimension)	Densità (density)	Metodo di applicazione (application method)
LICOFEST 32 TR	1520°C	1755°C	Al <sub>2</sub> O <sub>3</sub> 55% SiO <sub>2</sub> 41% Fe <sub>2</sub> O <sub>3</sub> 0,5% CaO 4,5%	IDRAULICA (HYDRAULIC)	a/at 110°C: 50 N/mm <sup>2</sup> a/at 815°C: 30 N/mm <sup>2</sup> a/at 1100°C: 30 N/mm <sup>2</sup> a/at 1300°C: 45 N/mm <sup>2</sup>	a/at 200°C: 0,75 W/mk a/at 400°C: 0,70 W/mk a/at 600°C: 0,68 W/mk a/at 800°C: 0,74 W/mk a/at 1000°C: 0,80 W/mk a/at 1200°C: 0,86 W/mk	a/at 815°C: - 0,10% a/at 1300°C: - 0,15%	a/at 105°C: 2150 Kg/mc a/at 815°C: 2050 Kg/mc	GUNITATO BY GUNNING
LICOFEST H82 TR	1700°C	1875°C	Al <sub>2</sub> O <sub>3</sub> 86% SiO <sub>2</sub> 6% Fe <sub>2</sub> O <sub>3</sub> 1% CaO 4,5%	IDRAULICA (HYDRAULIC)	a/at 105°C: 45 N/mm <sup>2</sup> a/at 815°C: 26 N/mm <sup>2</sup> a/at 1300°C: 35 N/mm <sup>2</sup> a/at 1500°C: 35 N/mm <sup>2</sup>	a/at 200°C: 1,68 W/mk a/at 400°C: 1,63 W/mk a/at 600°C: 1,57 W/mk a/at 800°C: 1,60 W/mk a/at 1000°C: 1,66 W/mk a/at 1200°C: 1,70 W/mk a/at 1400°C: 1,80 W/mk	a/at 815°C: - 0,10% a/at 1500°C: - 0,40%	a/at 105°C: 2725 Kg/mc a/at 815°C: 2650 Kg/mc	GUNITATO BY GUNNING
LICOFEST SIC V 50 TR	1400°C	1640°C	Al <sub>2</sub> O <sub>3</sub> 25% SiO <sub>2</sub> 19% SiC 50%	IDRAULICA (HYDRAULIC)	a/at 105°C: 50 N/mm <sup>2</sup> a/at 815°C: 45 N/mm <sup>2</sup> a/at 1100°C: 45 N/mm <sup>2</sup> a/at 1300°C: 45 N/mm <sup>2</sup>	a/at 200°C: 4,00 W/mk a/at 400°C: 4,10 W/mk a/at 600°C: 4,20 W/mk a/at 800°C: 4,30 W/mk a/at 1000°C: 4,35 W/mk a/at 1200°C: 4,40 W/mk	a/at 815°C: - 0,15% a/at 1500°C: - 0,15%	a/at 105°C: 2360 Kg/mc a/at 815°C: 2300 Kg/mc	CAZZUOLATO/GUNITATO BY TROWELLING/GUNNING
LICOFEST SIC V 70 TR	1600°C	1805°C	Al <sub>2</sub> O <sub>3</sub> 20% SiO <sub>2</sub> 4% SiC 70%	IDRAULICA (HYDRAULIC)	a/at 105°C: 70 N/mm <sup>2</sup> a/at 815°C: 85 N/mm <sup>2</sup> a/at 1100°C: 85 N/mm <sup>2</sup> a/at 1300°C: 85 N/mm <sup>2</sup>	a/at 200°C: 4,20 W/mk a/at 400°C: 4,50 W/mk a/at 600°C: 4,80 W/mk a/at 800°C: 5,00 W/mk a/at 1000°C: 5,20 W/mk a/at 1200°C: 5,50 W/mk	a/at 815°C: - 0,10% a/at 1500°C: - 0,10%	a/at 105°C: 2480 Kg/mc a/at 815°C: 2400 Kg/mc	CAZZUOLATO/GUNITATO BY TROWELLING/GUNNING
LINAX 60	1500°C	1710°C	Al <sub>2</sub> O <sub>3</sub> 62% SiO <sub>2</sub> 30% Fe <sub>2</sub> O <sub>3</sub> 1%	IDRAULICA (HYDRAULIC)	a/at 105°C: 25 N/mm <sup>2</sup> a/at 815°C: 20 N/mm <sup>2</sup> a/at 1300°C: 20 N/mm <sup>2</sup> a/at 1500°C: 52 N/mm <sup>2</sup>	a/at 200°C: 0,74 W/mk a/at 400°C: 0,70 W/mk a/at 600°C: 0,66 W/mk a/at 800°C: 0,75 W/mk a/at 1000°C: 0,81 W/mk a/at 1200°C: 0,90 W/mk	a/at 815°C: - 0,30% a/at 1300°C: - 1,00%	a/at 105°C: 2065 Kg/mc a/at 815°C: 2000 Kg/mc	RIPARAZ./CAZZUOLATURA/GUNITAGG./PESTELLATURA ROUGH CASTING/TROWELLING/GUNNING/RAMMING
LINAX 70	1600°C	1755°C	Al <sub>2</sub> O <sub>3</sub> 73% SiO <sub>2</sub> 20% Fe <sub>2</sub> O <sub>3</sub> 1%	IDRAULICA (HYDRAULIC)	a/at 105°C: 18 N/mm <sup>2</sup> a/at 815°C: 15 N/mm <sup>2</sup> a/at 1300°C: 18 N/mm <sup>2</sup> a/at 1500°C: 52 N/mm <sup>2</sup>	a/at 200°C: 0,78 W/mk a/at 400°C: 0,73 W/mk a/at 600°C: 0,70 W/mk a/at 800°C: 0,84 W/mk a/at 1000°C: 0,87 W/mk a/at 1200°C: 0,92 W/mk	a/at 815°C: - 0,30% a/at 1300°C: - 0,80%	a/at 105°C: 2210 Kg/mc a/at 815°C: 2160 Kg/mc	RIPARAZ./CAZZUOLATURA/GUNITAGG./PESTELLATURA ROUGH CASTING/TROWELLING/GUNNING/RAMMING

ULTERIORI TIPOLOGIE A RICHIESTA

## CALCESTRUZZI TISSOTROPICI A BASSO CEMENTO (LCC)

PRODOTTO (PRODUCT)	Temperatura d'impiego (service temperature)	Refrattarietà (refractoriness)	Composizione chimica (chemical composition)	Presatura (setting)	Resistenza alla compressione a freddo (cold crushing strength)	Conducibilità termica (thermal conductivity)	Variazione dimensionale (linear change of dimension)	Densità (density)	Metodo di applicazione (application method)
LICOFEST PL 360	1550°C	1700°C	Al <sub>2</sub> O <sub>3</sub> 63% SiO <sub>2</sub> 33% Fe <sub>2</sub> O <sub>3</sub> 0,8% CaO 2,6%	IDRAULICA (HYDRAULIC) CHIMICA (CHEMICAL)	a/at 105°C: 65 N/mm <sup>2</sup> a/at 815°C: 60 N/mm <sup>2</sup> a/at 1300°C: 70 N/mm <sup>2</sup> a/at 1500°C: 70 N/mm <sup>2</sup>	a/at 200°C: 1,01 W/mk a/at 400°C: 1,08 W/mk a/at 600°C: 1,02 W/mk a/at 800°C: 1,00 W/mk a/at 1000°C: 1,09 W/mk a/at 1200°C: 1,15 W/mk a/at 1400°C: 1,20 W/mk	a/at 815°C: - 0,15% a/at 1500°C: - 0,30%	a/at 105°C: 2295 Kg/mc a/at 815°C: 2250 Kg/mc	VIBRATO BY VIBRATION
LICOFEST PL 370 (variante QH)	1580°C	1780°C	Al <sub>2</sub> O <sub>3</sub> 66% SiO <sub>2</sub> 29% Fe <sub>2</sub> O <sub>3</sub> 1% CaO 3%	IDRAULICA (HYDRAULIC) CHIMICA (CHEMICAL)	a/at 105°C: 100 N/mm <sup>2</sup> a/at 815°C: 75 N/mm <sup>2</sup> a/at 1300°C: 95 N/mm <sup>2</sup> a/at 1500°C: 95 N/mm <sup>2</sup>	a/at 200°C: 1,15 W/mk a/at 400°C: 1,09 W/mk a/at 600°C: 1,05 W/mk a/at 800°C: 1,01 W/mk a/at 1000°C: 1,10 W/mk a/at 1200°C: 1,15 W/mk a/at 1400°C: 1,27 W/mk	a/at 815°C: - 0,20% a/at 1500°C: - 0,30%	a/at 105°C: 2460 Kg/mc a/at 815°C: 2400 Kg/mc	VIBRATO BY VIBRATION
LICOFEST PL 400	1650°C	1900°C	Al <sub>2</sub> O <sub>3</sub> 75% SiO <sub>2</sub> 20% Fe <sub>2</sub> O <sub>3</sub> 0,1% CaO 2,8%	IDRAULICA (HYDRAULIC) CHIMICA (CHEMICAL)	a/at 105°C: 120 N/mm <sup>2</sup> a/at 815°C: 70 N/mm <sup>2</sup> a/at 1300°C: 100 N/mm <sup>2</sup> a/at 1500°C: 120 N/mm <sup>2</sup>	a/at 200°C: 1,57 W/mk a/at 400°C: 1,49 W/mk a/at 600°C: 1,42 W/mk a/at 800°C: 1,47 W/mk a/at 1000°C: 1,55 W/mk a/at 1200°C: 1,64 W/mk	a/at 815°C: - 0,10% a/at 1500°C: - 0,10%	a/at 105°C: 2595 Kg/mc a/at 815°C: 2550 Kg/mc	VIBRATO BY VIBRATION
LICOFEST PL 820	1650°C	1875°C	Al <sub>2</sub> O <sub>3</sub> 86% SiO <sub>2</sub> 7% Fe <sub>2</sub> O <sub>3</sub> 0,8% CaO 3%	IDRAULICA (HYDRAULIC) CHIMICA (CHEMICAL)	a/at 105°C: 100 N/mm <sup>2</sup> a/at 815°C: 80 N/mm <sup>2</sup> a/at 1100°C: 100 N/mm <sup>2</sup> a/at 1300°C: 100 N/mm <sup>2</sup>	a/at 200°C: 1,80 W/mk a/at 400°C: 1,72 W/mk a/at 600°C: 1,61 W/mk a/at 800°C: 1,60 W/mk a/at 1000°C: 1,59 W/mk a/at 1200°C: 1,57 W/mk a/at 1400°C: 1,52 W/mk	a/at 815°C: - 0,15% a/at 1500°C: - 0,30%	a/at 105°C: 2690 Kg/mc a/at 815°C: 2650 Kg/mc	VIBRATO BY VIBRATION
LICOFEST SIC 60 CL	1600°C	1860°C	Al <sub>2</sub> O <sub>3</sub> 16% SiO <sub>2</sub> 20% Fe <sub>2</sub> O <sub>3</sub> 0,6% CaO 2% SiC 59%	IDRAULICA (HYDRAULIC) CHIMICA (CHEMICAL)	a/at 105°C: 80 N/mm <sup>2</sup> a/at 815°C: 90 N/mm <sup>2</sup> a/at 1300°C: 125 N/mm <sup>2</sup> a/at 1500°C: 105 N/mm <sup>2</sup>	a/at 200°C: 4,10 W/mk a/at 400°C: 4,20 W/mk a/at 600°C: 4,40 W/mk a/at 800°C: 4,80 W/mk a/at 1000°C: 5,20 W/mk a/at 1200°C: 5,50 W/mk	a/at 815°C: - 0,20% a/at 1100°C: - 0,30% a/at 1300°C: - 0,30%	a/at 105°C: 2680 Kg/mc a/at 815°C: 2510 Kg/mc	VIBRATO BY VIBRATION

ULTERIORI TIPOLOGIE A RICHIESTA

## CALCESTRUZZI LEGGERI

PRODOTTO (PRODUCT)	Temperatura d'impiego (service temperature)	Refrattarietà (refractoriness)	Composizione chimica (chemical composition)	Presatura (setting)	Resistenza alla compressione a freddo (cold crushing strength)	Conducibilità termica (thermal conductivity)	Variazione dimensionale (linear change of dimension)	Densità (density)	Metodo di applicazione (application method)
LICOFEST FL 10 (variante TR)	1360°C	1490°C	Al <sub>2</sub> O <sub>3</sub> 42% SiO <sub>2</sub> 38% Fe <sub>2</sub> O <sub>3</sub> 3% CaO 14%	IDRAULICA (HYDRAULIC)	a/at 105°C: 20 N/mm <sup>2</sup> a/at 815°C: 16 N/mm <sup>2</sup> a/at 1100°C: 13 N/mm <sup>2</sup> a/at 1300°C: 14 N/mm <sup>2</sup>	a/at 200°C: 0,40 W/mk a/at 400°C: 0,42 W/mk a/at 600°C: 0,45 W/mk a/at 800°C: 0,47 W/mk a/at 1000°C: 0,48 W/mk a/at 1200°C: 0,51 W/mk	a/at 815°C: - 0,15% a/at 1300°C: - 0,30%	a/at 105°C: 1600 Kg/mc a/at 815°C: 1450 Kg/mc	GETTATO/GUNITATO BY CASTING/GUNNING
LICOFEST FL 35 (variante TR)	1450°C	1560°C	Al <sub>2</sub> O <sub>3</sub> 49% SiO <sub>2</sub> 42% Fe <sub>2</sub> O <sub>3</sub> 1,5% CaO 6%	IDRAULICA (HYDRAULIC)	a/at 105°C: 15 N/mm <sup>2</sup> a/at 815°C: 7 N/mm <sup>2</sup> a/at 1100°C: 5 N/mm <sup>2</sup> a/at 1300°C: 9 N/mm <sup>2</sup>	a/at 200°C: 0,41 W/mk a/at 400°C: 0,43 W/mk a/at 600°C: 0,46 W/mk a/at 800°C: 0,48 W/mk a/at 1000°C: 0,49 W/mk a/at 1200°C: 0,52 W/mk	a/at 815°C: - 0,10% a/at 1300°C: - 0,30%	a/at 105°C: 1590 Kg/mc a/at 815°C: 1500 Kg/mc	GETTATO/GUNITATO BY CASTING/GUNNING
LICOFEST FL 201 (variante TR)	1250°C	1380°C	Al <sub>2</sub> O <sub>3</sub> 35% SiO <sub>2</sub> 43% Fe <sub>2</sub> O <sub>3</sub> 6% CaO 15%	IDRAULICA (HYDRAULIC)	a/at 105°C: 15 N/mm <sup>2</sup> a/at 815°C: 11 N/mm <sup>2</sup> a/at 1100°C: 11 N/mm <sup>2</sup>	a/at 200°C: 0,39 W/mk a/at 400°C: 0,40 W/mk a/at 600°C: 0,42 W/mk a/at 800°C: 0,44 W/mk a/at 1000°C: 0,46 W/mk a/at 1200°C: 0,50 W/mk	a/at 815°C: - 0,15% a/at 1100°C: - 0,13%	a/at 105°C: 1500 Kg/mc a/at 815°C: 1350 Kg/mc	GETTATO/GUNITATO BY CASTING/GUNNING
LICOFEST LW 203 CH (variante TR)	1320°C	1410°C	Al <sub>2</sub> O <sub>3</sub> 40% SiO <sub>2</sub> 36% Fe <sub>2</sub> O <sub>3</sub> 6% CaO 16%	IDRAULICA (HYDRAULIC)	a/at 105°C: 11 N/mm <sup>2</sup> a/at 815°C: 6 N/mm <sup>2</sup> a/at 1100°C: 5 N/mm <sup>2</sup>	a/at 200°C: 0,28 W/mk a/at 400°C: 0,30 W/mk a/at 600°C: 0,33 W/mk a/at 800°C: 0,35 W/mk a/at 1000°C: 0,38 W/mk	a/at 815°C: - 0,25% a/at 1100°C: - 0,40% a/at 1260°C: - 0,10%	a/at 105°C: 1360 Kg/mc a/at 815°C: 1215 Kg/mc	GETTATO/GUNITATO (TR) BY CASTING/GUNNING (variante TR)
LICOFEST LW 203 C (variante TR)	1420°C	1520°C	Al <sub>2</sub> O <sub>3</sub> 57% SiO <sub>2</sub> 30% Fe <sub>2</sub> O <sub>3</sub> 0,8% CaO 9,5%	IDRAULICA (HYDRAULIC)	a/at 105°C: 7 N/mm <sup>2</sup> a/at 815°C: 5 N/mm <sup>2</sup> a/at 1100°C: 3 N/mm <sup>2</sup> a/at 1300°C: 5 N/mm <sup>2</sup>	a/at 200°C: 0,28 W/mk a/at 400°C: 0,30 W/mk a/at 600°C: 0,33 W/mk a/at 800°C: 0,35 W/mk a/at 1000°C: 0,37 W/mk	a/at 815°C: - 0,20% a/at 1100°C: - 0,30% a/at 1300°C: - 0,60%	a/at 105°C: 1330 Kg/mc a/at 815°C: 1210 Kg/mc	GETTATO/GUNITATO (TR) BY CASTING/GUNNING (variante TR)
LICOFEST LW 203 I (variante TR)	1150°C	1310°C	Al <sub>2</sub> O <sub>3</sub> 34% SiO <sub>2</sub> 37% Fe <sub>2</sub> O <sub>3</sub> 8% CaO 16%	IDRAULICA (HYDRAULIC)	a/at 105°C: 8 N/mm <sup>2</sup> a/at 815°C: 5,5 N/mm <sup>2</sup> a/at 1100°C: 4 N/mm <sup>2</sup>	a/at 200°C: 0,28 W/mk a/at 400°C: 0,30 W/mk a/at 600°C: 0,33 W/mk a/at 800°C: 0,35 W/mk a/at 1000°C: 0,38 W/mk	a/at 815°C: - 0,25% a/at 1100°C: - 0,40%	a/at 105°C: 1250 Kg/mc a/at 815°C: 1110 Kg/mc	GETTATO/GUNITATO (TR) BY CASTING/GUNNING (variante TR)
LICOFEST PC 14 I (variante TR)	1150°C	1270°C	Al <sub>2</sub> O <sub>3</sub> 33% SiO <sub>2</sub> 43% Fe <sub>2</sub> O <sub>3</sub> 6% CaO 15%	IDRAULICA (HYDRAULIC)	a/at 105°C: 15 N/mm <sup>2</sup> a/at 815°C: 11 N/mm <sup>2</sup> a/at 1100°C: 10 N/mm <sup>2</sup>	a/at 200°C: 0,31 W/mk a/at 400°C: 0,34 W/mk a/at 600°C: 0,36 W/mk a/at 800°C: 0,37 W/mk a/at 1000°C: 0,38 W/mk	a/at 815°C: - 0,14% a/at 1100°C: - 0,32%	a/at 105°C: 1540 Kg/mc a/at 815°C: 1360 Kg/mc	GETTATO/GUNITATO (TR) BY CASTING/GUNNING (variante TR)
LICOFEST PC 14 HT (variante TR)	1370°C	1440°C	Al <sub>2</sub> O <sub>3</sub> 40% SiO <sub>2</sub> 38% Fe <sub>2</sub> O <sub>3</sub> 6% CaO 14%	IDRAULICA (HYDRAULIC)	a/at 105°C: 15 N/mm <sup>2</sup> a/at 815°C: 11 N/mm <sup>2</sup> a/at 1100°C: 10 N/mm <sup>2</sup> a/at 1300°C: 10 N/mm <sup>2</sup>	a/at 200°C: 0,31 W/mk a/at 400°C: 0,34 W/mk a/at 600°C: 0,36 W/mk a/at 800°C: 0,37 W/mk a/at 1000°C: 0,38 W/mk a/at 1200°C: 0,40 W/mk	a/at 815°C: - 0,13% a/at 1100°C: - 0,20% a/at 1300°C: - 0,70%	a/at 105°C: 1520 Kg/mc a/at 815°C: 1410 Kg/mc	GETTATO/GUNITATO (TR) BY CASTING/GUNNING (variante TR)

## CALCESTRUZZI SUPERISOLANTI ed ISOLANTI

PRODOTTO (PRODUCT)	Temperatura d'impiego (service temperature)	Refrattarietà (refractoriness)	Composizione chimica (chemical composition)	Presatura (setting)	Resistenza alla compressione a freddo (cold crushing strength)	Conducibilità termica (thermal conductivity)	Variazione dimensionale (linear change of dimension)	Densità (density)	Metodo di applicazione (application method)
LICOFEST L 05 (variante TR)	1020°C	1270°C	Al <sub>2</sub> O <sub>3</sub> 28% SiO <sub>2</sub> 33% Fe <sub>2</sub> O <sub>3</sub> 11% CaO 20%	IDRAULICA (HYDRAULIC)	a/at 105°C: 1,5 N/mm <sup>2</sup> a/at 815°C: 1 N/mm <sup>2</sup>	a/at 200°C: 0,13 W/mk a/at 400°C: 0,15 W/mk a/at 600°C: 0,17 W/mk a/at 800°C: 0,18 W/mk	a/at 815°C: - 0,30%	a/at 105°C: 708 Kg/mc a/at 815°C: 595 Kg/mc	GETTATO/GUNITATO (TR) BY CASTING/GUNNING (variante TR)
LICOFEST L 085 (variante TR)	1050°C	1220°C	Al <sub>2</sub> O <sub>3</sub> 28% SiO <sub>2</sub> 40% Fe <sub>2</sub> O <sub>3</sub> 9% CaO 13,5%	IDRAULICA (HYDRAULIC)	a/at 105°C: 3 N/mm <sup>2</sup> a/at 815°C: 2,5 N/mm <sup>2</sup>	a/at 200°C: 0,19 W/mk a/at 400°C: 0,21 W/mk a/at 600°C: 0,22 W/mk a/at 800°C: 0,24 W/mk a/at 1000°C: 0,28 W/mk	a/at 815°C: - 0,30%	a/at 105°C: 960 Kg/mc a/at 815°C: 860 Kg/mc	GETTATO/GUNITATO (TR) BY CASTING/GUNNING (variante TR)
LICOFEST L 09 (variante TR)	1100°C	1260°C	Al <sub>2</sub> O <sub>3</sub> 29% SiO <sub>2</sub> 44% Fe <sub>2</sub> O <sub>3</sub> 9% CaO 14%	IDRAULICA (HYDRAULIC)	a/at 105°C: 4 N/mm <sup>2</sup> a/at 815°C: 2,5 N/mm <sup>2</sup> a/at 1100°C: 1,5 N/mm <sup>2</sup>	a/at 200°C: 0,18 W/mk a/at 400°C: 0,20 W/mk a/at 600°C: 0,22 W/mk a/at 800°C: 0,24 W/mk a/at 1000°C: 0,26 W/mk	a/at 815°C: - 0,30% a/at 1100°C: - 1,00%	a/at 105°C: 1000 Kg/mc a/at 815°C: 935 Kg/mc	GETTATO/GUNITATO (TR) BY CASTING/GUNNING (variante TR)
LICOFEST PC 124 CH (variante TR)	1260°C	1310°C	Al <sub>2</sub> O <sub>3</sub> 38% SiO <sub>2</sub> 36% Fe <sub>2</sub> O <sub>3</sub> 7% CaO 17%	IDRAULICA (HYDRAULIC)	a/at 105°C: 3 N/mm <sup>2</sup> a/at 815°C: 3 N/mm <sup>2</sup> a/at 1100°C: 3,2 N/mm <sup>2</sup>	a/at 200°C: 0,17 W/mk a/at 400°C: 0,19 W/mk a/at 600°C: 0,20 W/mk a/at 800°C: 0,22 W/mk a/at 1000°C: 0,25 W/mk	a/at 815°C: - 0,25% a/at 1100°C: - 0,40%	a/at 105°C: 1010 Kg/mc a/at 815°C: 885 Kg/mc	GETTATO/GUNITATO (TR) BY CASTING/GUNNING (variante TR)

ULTERIORI TIPOLOGIE A RICHIESTA



## MASSE PLASTICHE – MALTE SECHE – CEMENTI PLASTICI

PRODOTTO (PRODUCT)	Temperatura d'impiego (service temperature)	Refrattarietà (refractoriness)	Composizione chimica (chemical composition)	Presatura (setting)	Resistenza alla compressione a freddo (cold crushing strength)	Conducibilità termica (thermal conductivity)	Variazione dimensionale (linear change of dimension)	Densità (density)	Metodo di applicazione (application method)
LICO-CLAY X 39 (variante TR)	1720°C	1875°C	Al <sub>2</sub> O <sub>3</sub> 83% SiO <sub>2</sub> 14% Fe <sub>2</sub> O <sub>3</sub> 1%	CHIMICA (CHEMICAL) CERAMICA (CERAMIC)	a/at 1300°C: 60 N/mm <sup>2</sup> a/at 1500°C: 60 N/mm <sup>2</sup>	a/at 400°C: 1,47 W/mk a/at 600°C: 1,31 W/mk a/at 800°C: 1,40 W/mk a/at 1000°C: 1,49 W/mk a/at 1200°C: 1,83 W/mk	a/at 1300°C: - 0,60% a/at 1500°C: - 0,80%	a/at 815°C: 2650 Kg/mc	PESTELLATO/GUNITATO (variante TR) BY RAMMING/GUNNING (variant TR)
BAXOPOL C	1500°C		Al <sub>2</sub> O <sub>3</sub> 40% SiO <sub>2</sub> 56% Fe <sub>2</sub> O <sub>3</sub> 1,5%	AEREA (AIR SETTING)	QUANTITA' NECESSARIA PER OGNI mm DI INTONACO : 2 Kg/M <sup>2</sup> (REQUIRED QUANTITY PER/mm COATING)			1950 Kg/mc	PRONTO ALL'USO / READY TO USE
BLAKPOL	1650°C		Al <sub>2</sub> O <sub>3</sub> 43% SiO <sub>2</sub> 52% Fe <sub>2</sub> O <sub>3</sub> 1,2%	AEREA (AIR SETTING)	a/at 110°C: 20 N/mm <sup>2</sup>	“ “	a/at 110°C: - 2,30%	1900 Kg/mc	PRONTO ALL'USO / READY TO USE
BAXOVIBRO VT 35 SIC	1600°C	1860°C	Al <sub>2</sub> O <sub>3</sub> 35% SiO <sub>2</sub> 28% Fe <sub>2</sub> O <sub>3</sub> 0,6% CaO 1,5% SiC 34%	IDRAULICA (HYDRAULIC) CHIMICA (CHEMICAL)	a/at 105°C: 95 N/mm <sup>2</sup> a/at 815°C: 90 N/mm <sup>2</sup> a/at 1300°C: 95 N/mm <sup>2</sup>	a/at 200°C: 2,60 W/mk a/at 400°C: 2,60 W/mk a/at 600°C: 2,70 W/mk a/at 800°C: 2,85 W/mk a/at 1000°C: 3,10 W/mk a/at 1200°C: 3,20 W/mk	a/at 815°C: - 0,20% a/at 1100°C: - 0,30% a/at 1300°C: - 0,30%	a/at 105°C: 2680 Kg/mc a/at 815°C: 2510 Kg/mc	VIBRATO BY VIBRATION
BAXOVIBRO VT 336	1600°C	1755°C	Al <sub>2</sub> O <sub>3</sub> 58% SiO <sub>2</sub> 36% Fe <sub>2</sub> O <sub>3</sub> 1% CaO 2%	IDRAULICA (HYDRAULIC) CHIMICA (CHEMICAL)	a/at 105°C: 60 N/mm <sup>2</sup> a/at 815°C: 60 N/mm <sup>2</sup> a/at 1300°C: 90 N/mm <sup>2</sup> a/at 1500°C: 100 N/mm <sup>2</sup>	a/at 200°C: 0,99 W/mk a/at 400°C: 0,93 W/mk a/at 600°C: 0,89 W/mk a/at 800°C: 1,00 W/mk a/at 1000°C: 1,06 W/mk a/at 1200°C: 1,13 W/mk	a/at 815°C: - 0,05% a/at 1300°C: - 0,10%	a/at 105°C: 2485 Kg/mc a/at 815°C: 2400 Kg/mc	VIBRATO BY VIBRATION
BAXOVIBRO VT 820	1700°C	1875°C	Al <sub>2</sub> O <sub>3</sub> 83% SiO <sub>2</sub> 9% Fe <sub>2</sub> O <sub>3</sub> 0,8% CaO 2%	IDRAULICA (HYDRAULIC) CHIMICA (CHEMICAL)	a/at 105°C: 120 N/mm <sup>2</sup> a/at 815°C: 120 N/mm <sup>2</sup> a/at 1300°C/1500°C: >120 N/mm <sup>2</sup>	a/at 200°C: 1,68 W/mk a/at 400°C: 1,63 W/mk a/at 600°C: 1,57 W/mk a/at 800°C: 1,60 W/mk a/at 1000°C: 1,66 W/mk a/at 1200°C: 1,70 W/mk a/at 1400°C: 1,80 W/mk	a/at 815°C: ± 0,00% a/at 1500°C: - 0,10%	a/at 105°C: 2865 Kg/mc a/at 815°C: 2800 Kg/mc	VIBRATO BY VIBRATION
BAXOVIBRO VT 93	1750°C	1900°C	Al <sub>2</sub> O <sub>3</sub> 88% SiO <sub>2</sub> 7% Fe <sub>2</sub> O <sub>3</sub> 0,6% CaO 1,7%	IDRAULICA (HYDRAULIC) CHIMICA (CHEMICAL)	a/at 105°C: 45 N/mm <sup>2</sup> a/at 815°C: 80 N/mm <sup>2</sup> a/at 1300°C: 110 N/mm <sup>2</sup> a/at 1500°C: 120 N/mm <sup>2</sup>	a/at 200°C: 1,57 W/mk a/at 400°C: 1,49 W/mk a/at 600°C: 1,42 W/mk a/at 800°C: 1,47 W/mk a/at 1000°C: 1,55 W/mk a/at 1200°C: 1,64 W/mk	a/at 815°C: ± 0,00% a/at 1500°C: ± 0,00%	a/at 105°C: 2895 Kg/mc a/at 815°C: 2850 Kg/mc	VIBRATO BY VIBRATION

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