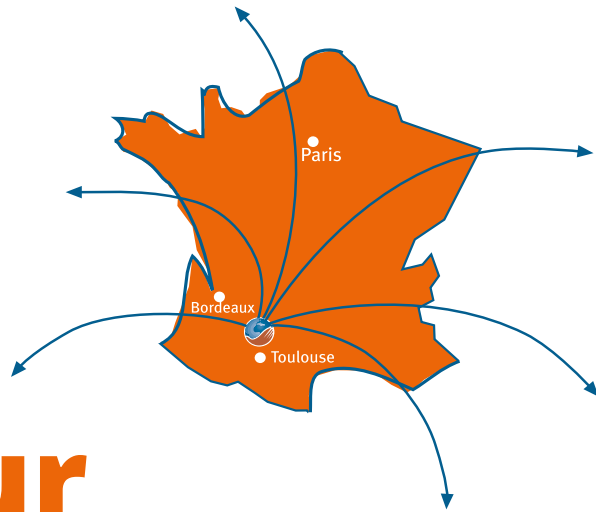




ceram
Tellus
LA BRIQUETERIE
PRODUITS RÉFRACTAIRES



Our
EXPERIENCE
serving
of innovation!





The Brickyard Tellus Ceram

Originally, in 1907, the “Fumel and Libos Refractory Products Company” was created.

To date, the brickworks, TELLUS CERAM occupies the site of Monsempron-Libos which belonged to various major French and foreign industrial groups, including Saint-Gobain, Lafarge, Hepworth, Alpine, Vesuvius...

The TELLUS CERAM brickworks, thanks to men and women, has developed incomparable know-how, innovative technologies and exceptional quality.

It was one of the first French companies to develop pressing technology, which guarantees a very high performance product.

The TELLUS CERAM research and development centre offers insulating refractory products with optimised energy performance.

A range of products 1300°C to 1850°C



Responsiveness

Because the need for responsiveness excels in heavy industry, and because we are attentive to the needs of our customers, we have a large stock in a wide variety of qualities and formats.



Innovation

Tellus Ceram invests 5% of its turnover annually in research and development to offer the best refractory solution.

Tellus Ceram positions itself as a major player in its sector.



Quality

Choosing Tellus Ceram means making the choice of quality thanks to multiple controls throughout our production chain.

The traceability is total, from the supply of raw materials, exclusively European, to the shipment.



Know-how

Thanks to a pressing process, Tellus Ceram differentiates itself with mechanically stronger products, while maintaining high insulation properties.

Tellus Ceram is one of the only companies to offer large format parts (800 x 500 x 100 mm monobloc).



Standard or custom products

Refractory shaped insulating products

- Very good thermal insulation performance for any industrial facility operating at high and very high temperatures (1000 to 1850°C).
- Energy savings during operation.
- Ability to produce very large size parts (800 x 500 x 100 mm).

DRILOK

- Cement-free refractory assembly system for any modular construction (ceramic industry and others).
- Materials based on cordierite or other mineral components for very good thermal shock performance (1200 to 1800°C).

shaped parts

- High-tech products machined or shaped directly in all ranges of our products (insulation, dense, high or very high temperature 1000 to 1850°C).

Refractory grouts and cements

- Refractory grouting for high and very high temperature use (1000 to 1850°C).
- Their lightweight chamotte-based components ensure very good performance of the assembled assemblies.

Dense shaped refractory products

- Very good mechanical resistance to hot, abrasion, and creep.
- Excellent performance at high and very high temperatures (1000 to 1850°C) in the presence of molten or chemically reactive products.
- Ability to produce very large size parts (800 x 500 x 100 mm).

Dense refractory concrete, insulating and insulating aggregates

- Substitution à des pièces de forme en réfractaires façonnés denses ou isolants. • Mise en place directement sur chantiers.
- Gain de temps pour la réalisation des revêtements.
- Compositions spécifiques pour haute et très haute température (1000 à 1850 °C).

Products Informations

	Quality	Maximum Classified Temperature	Bulk Density g/cm ³	Cold Crushing Strength : Mpa	Chemical Analysis %						Thermal Conductivity W/m.K						Cement
					Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO+MgO	Na ₂ O+K ₂ O	200°C	400°C	600°C	800°C	1000°C	1200°C	
INSULATION PRODUCTS	TR23-07	1300°C	0,67	2	36	56	1,1	0,8	0,6	3,2	0,18	0,2	0,24	0,27	0,3		TH1500H
	TR23-10	1300°C	1	17	34	53	3,5	1,5	3,5	3	0,24	0,26	0,31	0,36	0,38		
	TR23-14	1300°C	1,4	22	22	74	1,3	1	1	1	0,44	0,47	0,51	0,57			
	TR25-08	1350°C	0,8	2,5	37	56	1,3	1,1	0,55	3,5	0,2	0,25	0,29	0,32	0,36		
	TR25-09	1350°C	0,93	4,5	35	59	1,4	1,3	0,7	3,2	0,23	0,28	0,31	0,36	0,4		
	TR25-11E	1350°C	1,15	10	37	56	1,3	1	0,6	3,2	0,32	0,36	0,4	0,44	0,47		
	TR25-11AL	1350°C	1,06	12	36	57	1,3	1	0,6	4	0,28	0,34	0,38	0,42	0,45		
	TR25-11	1350°C	1,06	9	36	57	1,3	1	0,6	4	0,28	0,34	0,38	0,42	0,45		
	TR25-11PP	1350°C	1,06	12	36	57	1,3	1	0,6	4	0,28	0,34	0,38	0,42	0,45		
	140CL	1350°C	0,95	5	47,5	41,5	1,1	0,3	8,2	1,8	0,33	0,35	0,4	0,45	0,48	0,5	
	TR26-10	1350°C	0,97	4,5	44	50	1,3	1,2	0,4	3	0,25	0,3	0,35	0,4	0,45		
	TR26-08	1400°C	0,81	3,5	38	56	1,3	1,1	0,55	2,9	0,22	0,27	0,31	0,33	0,35	0,38	
	TR26-09	1400°C	0,87	4,7	40	54	1,2	1,3	0,6	2,6	0,28	0,31	0,34	0,36	0,39	0,44	
	140HSR	1400°C	1,25	23	48	40	1,1	0,3	8,2	1,5	0,65	0,65	0,65	0,68	0,71		
	TR26-12	1400°C	1,22	14	41	51	2	1,2	2,2	2,5	0,51		0,59		0,68		
	TR27-08E	1450°C	0,78	2,8	42	52	1,1	0,6	0,7	1,6	0,23	0,26	0,28	0,3	0,33		
	TR27-08	1450°C	0,78	2,8	42	52	1,1	0,6	0,7	2,5	0,23	0,25	0,3	0,32	0,36	0,39	
	TR28-09	1550°C	0,94	3	60	37	0,8	0,6	0,4	0,9	0,32	0,34	0,37	0,4	0,43	0,45	
	TR28-11	1550°C	1,1	7	57	38	0,7	0,6	0,4	0,9	0,38		0,45		0,52		
	TR28-12	1550°C	1,3	18	59	36	1,25	1,1	1,3	1,1	0,64	0,64	0,64	0,65	0,66		
TR28-13	1550°C	1,33	15	61	36	0,6	0,6	0,4	1,5	0,71	0,69	0,69	0,7	0,72	0,75		
TR30-11	1600°C	1,07	4	67	31	0,5	0,5	0,3	0,3	0,38	0,4	0,42	0,44	0,49	0,51		
TR32-13	1700°C	1,3	7,5	75	22,5	0,4	0,4	0,3	0,4		0,55	0,58	0,6	0,62	0,66		
TG33-15	1850°C	1,5	10	92	7	0,15	0,1	0,2	0,3			1,34	1,29	1,3	1,4		
TG34-16	1850°C	1,55	13,5	98,5	0,5	0,1	0,1	0,1	0,15			1,25	1,22	1,15	1,12		
TG34-20HP	1850°C	1,95	17	99,5	0,15	0,1	0,05	0,1	0,15			1,45	1,35	1,3	1,3		

POSSIBLES FORMATS : Slabs (800x500x100 maxi), tiles, Bricks, side arche, end arche . Formats : French, European, german

MACHINING SPECIALS SHAPES

DRILOK SYSTEM (brick Dry Mounting)

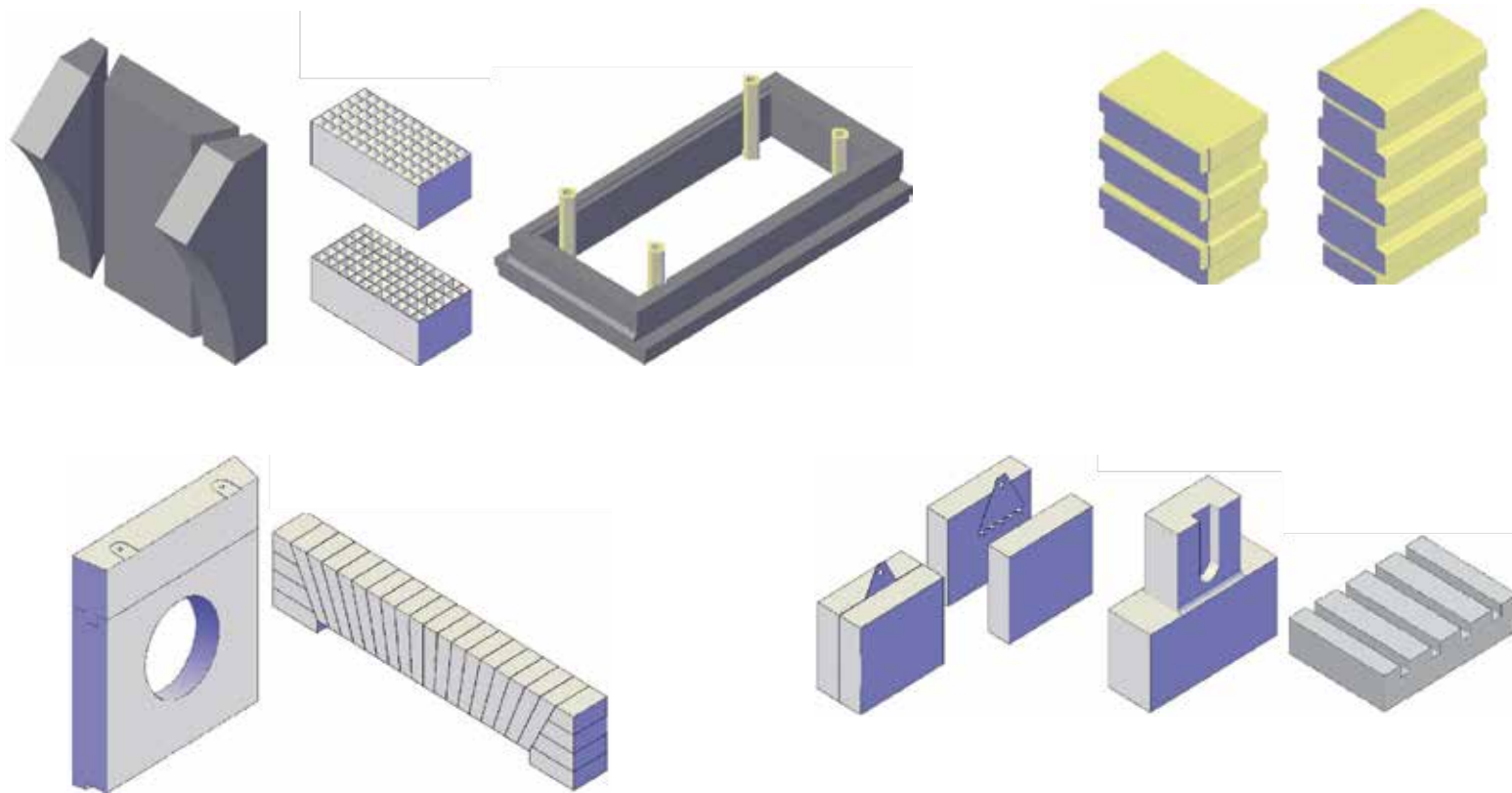
	Quality	Maximum Classified Temperature	Bulk Density g/cm ³	Cold Crushing Strength : Mpa	Chemical Analysis %						Thermal Conductivity W/m.K						Cement
					Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO+MgO	Na ₂ O+K ₂ O	200°C	400°C	600°C	800°C	1000°C	1200°C	
DENSE PRODUCTS	TD42	1400°C	2,2	45	42	52	1,5	1,7	1	0,8					1,3	TH1500H	
	TD60MK	1580°C	2,55	60	61	38	1	0,4	0,3	0,4					1,4		
	TD66R	1730°C	2,5	70	65	33	1	0,3	0,3	0,4					2,1	TH1850H	
	TD85MC	1800°C	3	90	85	13	0,5	0,2	0,7	0,5					2,9		
	TD90MC	1830°C	3	65	91	7	0,5	0,2	0,7	0,5					2,9		

POSSIBLES FORMATS : Slabs (600x400x64 maxi), tiles, Bricks, side arche, end arche . Formats : French, European, german

MACHINING SPECIALS SHAPES

DRILOK SYSTEM (brick Dry Mounting)

Visual Products



Support your Projects

With expertise in the design of shape parts, especially thanks to the DRILOK system, we are able to offer you valuable assistance in the realization of your project, to better understand your needs and support you throughout your process.

We guarantee the quality of our products by implementing a rigorous monitoring policy, ensuring complete traceability from the choice of raw materials to delivery. We can guarantee products of impeccable quality.

Concerned about the environment, we are committed to an approach of energy saving and reduction of our ecological footprint. Our research and development team is constantly working to develop innovative formulations that allow significant energy savings in the use of our products. In addition, we have implemented advanced recycling systems to minimize production waste.

As part of our commitment to sustainability, we have equipped our facilities with state-of-the-art automated management systems and heat recovery devices. In addition, we promote the use of renewable energy by opting for green electricity and using sawdust as an energy supplement for our cooking processes.

Overall, TELLUS-CERAM is part of a global approach to sustainable development, implementing concrete actions in the social, environmental and economic fields.

Listening



Partnership



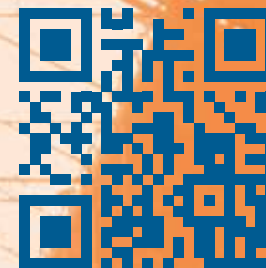
Quality

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Produits Réfractaires