

CIMENTO®



CIMENTO® RIO TERÀ

Product data sheet

Description

CIMENTO® RIO TERÀ slabs are a **CIMENTO®** product designed to allow the covering of existing floors. The slabs are composed of a cement conglomerate to which a fiberglass net is added. **CIMENTO® RIO TERÀ** is an incombustible product.



Upper and bottom view of **CIMENTO® RIO TERÀ**.

Destination of use

The **CIMENTO® RIO TERÀ** slab for the covering of floors is intended for an exclusive use in internal areas; to preserve the aesthetic and functional conditions of the **CIMENTO®** surface for as long as possible, it is advisable to refer to the methods and precautions of use as indicated on the maintenance and installation manual for **CIMENTO® RIO TERÀ**.

Characteristics of **CIMENTO® RIO TERÀ** interior slabs

CIMENTO® RIO TERÀ slabs are available in different standard sizes, or, upon customer request, they can be supplied cut to size, according to the project specifications.

dimensions	weight	thickenss
500x500 mm	1,25 kg	4 mm
1000x1000 mm	5 kg	4 mm
1200X1000 mm	6 kg	4mm
custom	5 kg/mq	4 mm

Finishes and available colors

CIMENTO® RIO TERÀ slabs are available in a wide range of standard colors, which are obtained with the use of natural oxide-based pigments. These natural pigments allow the product to achieve high color stability.

SMOOTH						
SANDBLASTED						
	CL01	CL02	CL04	CL05	CL06	CL10

Further colors are available on request, contact **CIMENTO®** sales office.

Notes

The installation must be carried out by personnel specialized in the laying of floors, anchoring the panels to the underlying structure (screed or pre-existing flooring) with the use of specific adhesives and following the instructions specifically indicated in the respective technical data sheets.

It is strongly recommended to apply suitable protective systems, such as rubber pads or felt pads, under the bases of all furnishing elements, depending on the required sliding needs.

The **CIMENTO® RIO TERÀ** slab can be easily worked with the usual tools, it is recommended to use blades, discs, abrasives, etc. in suitable material (eg diamond blades).

Cleaning e Maintenance

Do not use chemicals, abrasive cleaners, solvents, and polishing products. The **CIMENTO®** surface is treated with a protective system that prevents the penetration of dirt, be it dry, wet, or greasy, and facilitates cleaning operations.

However, the characteristic coexistence of smooth and porous parts requires some simple precautions during ordinary cleaning. It is important to prevent dirt and deposits from being moved and accumulating in the porous portions, especially in the case of moist or greasy substances.

For routine maintenance we recommend the following operations, to be carried out in the specified:

1. Preliminarily remove all dry deposits with a vacuum cleaner equipped with a soft bristle brush, to remove dust and solid residues from both smooth and porous areas of the surface;
2. Rub the surface with a dry microfibre cloth or moistened with water, then dry, if necessary, with an additional clean and dry microfibre cloth to avoid leaving marks;
3. If the surface comes into contact with staining substances, act on the affected area with a cloth moistened with ammonia solutions or similar products (avoiding degreasers that require abundant rinsing) then dry with a clean, dry cloth. Do not use aggressive acid-based, solvent-based, or abrasive agents.

Any variations with respect to the sample are not to be considered defects but as a characteristic of the product and its manual processing which can cause variations in tone. Therefore, Sai Industry srl does not assume any responsibility in case of variations; they are not to be considered defects and are not covered by warranty, in particular for products purchased at different times.

For detailed information on installation, design and maintenance, please refer to the appropriate manuals. Whenever needed contact the **CIMENTO®** sales office.

Storage

Protect edges and corners from knocks with special protections to avoid possible chipping.

Protect the sheet from contacts with staining substances, blades, and sharp objects, or scratches that could damage the **CIMENTO®** finish by storing it in the appropriate packaging.

Store the slabs on a flat, levelled, and dry surface, ensuring a homogeneous support over the entire surface.

It is possible to stack packages of the same size. Do not overlap the packaging with other materials that may damage the packaging or the sheets.

Certifications

CIMENTO® RIO TERÀ slab with fiberglass support - floor version				
TECHNICAL FEATURES	REGULATION	EVALUATED PARAMETER	OUTPUT	
Thickness	Inside test	Typical panel thickness (may change accordingly to the chosen conglomerate kind and thickness)	3, 4, 5 mm	
Density	Inside test	Volume average weight	≈2000 kg/m ³	
		Surface average weight	≈2 kg/m ² .mm	
Fire Reaction	UNI EN ISO 9239-1:2010	Fire reaction class for flooring tiles	A2FL - s2	
Impact resistance	UNI EN 14617-9:2005	Sphere 1000 g	Impact breaking value for the 4 mm thickness RIO TERÀ tile	2.83 J
			Impact breaking value of 11 mm thickness RIO TERÀ tile (plywood + finishing)	5.28 J
Average hardness	UNI EN 13892-6:2004	Surface hardness SH determined by measuring the residual imprint	49.2 N/mm ²	
Abrasion resistance	UNI EN 14617-4:2012	Length of the trace	30mm	
Compression resistance	UNI EN 14617-15:2005	Breaking Load	23.3 Mpa	
Thermal Expansion	UNI EN10545-8:2014	Linear thermal expansion coefficient	3.5-10 -6°C-1	
Slipperiness	DIN 51130:2014	Dynamic average coefficient of friction BCRA "μ"	Leather sliding element on dry surface	0,45
			Rubber sliding element on dry surface	0,49
Surface resistance to cold liquids	UNI EN 12720:2009	Visual evaluation of surface anomalies after contact:	Ammonia, citric acid, detergent, distilled water, basic sweat	No evident signs
			Acetone, coffee, ethanol	Slight change visible only in reflected light
			Paraffin oil	Slight surface degradation
Resistance rate accordingly to Cen/ts16209			A	

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Jun2023

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Rev. 22giu2023