

CIMENTO®



CIMENTO® RIO TERÀ

Product data sheet

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Description

CIMENTO® RIO TERÀ is 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 **CIMENTO® RIO TERÀ**.

Destination of use

CIMENTO® RIO TERÀ is a product for covering floors and vertical surfaces, intended for an exclusive use in internal areas. For more information, consult the installation and maintenance manual or contact the **CIMENTO®** sales office (www.cimento.tech).

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

CIMENTO® RIO TERÀ is available in a standard size or, upon customer request, can be supplied cut to size, according to the project specifications.

dimensions	weight	thickness
3600x1000 mm	28,8 kg	4 mm
custom	8 kg/m ²	4 mm

N.B. The above format is the production format, **CIMENTO® RIO TERÀ** can be formed in a maximum size of 1800x1000 mm

Finishes and available colors

CIMENTO® RIO TERÀ is available in a wide range of finishes and standard colours obtained with the use of natural pigments, thanks to which a high colour stability is achieved.

The standard colours and finishes can be consulted in the SURFACES catalogue, which can be downloaded on www.cimento.tech

Additional colours are available on request. Contact the **CIMENTO®** sales department.

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).

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

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.

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 ordinary maintenance the following operations are recommended, to be carried out in the following order:

1. Preliminarily remove all dry deposits with a vacuum cleaner or a soft-bristled brush, removing dust and solid residues from both smooth and porous areas of the surface.
2. Rub the surface with a microfibre cloth dampened with a solution of water and neutral detergent, then dry, if necessary, with an additional clean and dry microfibre cloth to avoid leaving marks.

If the surface comes into contact with staining substances, act promptly 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. 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.

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

TECHNICAL FEATURES	REGULATION	EVALUATED PARAMETER	OUTPUT	
Thickness	Inside test	Panel thickness	4 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 16/24h:	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	C	
Fire Reaction	ANSI/UL723	Fire reaction	CFS	16.10
			FSI	15
			CSD	43.0
			SDI	45

CIMENTO® Rio Terà slab with fiberglass support

TECHNICAL FEATURES	REGULATION	EVALUATED PARAMETER	OUTPUT	
Thickness	Inside test	Typical panel thickness	4 mm	
Density	Inside test	Volume Average weight	≈2000 kg/m ³	
		Surface Average weight	≈2 kg/m ² mm	
Fire Reaction	UNI EN ISO 13501-1:2019	Fire reaction class for coverings	A2-s1,d0	
Hardness	UNI 10782:1999	Average hardness determined with pencil method (harder pencil lead which does not scratch)	H	
Resistance of the surface to abrasion	UNI EN 15185:2011	Hardness class accordingly to Cen/ts 16209	C	
Scratch resistance	UNI EN 15186:2012 met. B	Resistance class accordingly to Cen/ts 16209 with 0.9N load	D	
Surface resistance to cold liquid	UNI EN 12720:2009	Visual evaluation of surface anomalies after contact 16/24h:	Distilled water, basic sweat, detergent solution, citric acid, ammonia	No evident signs
			Acetic Acid, Coffee, Ethanol, Acetone	Slight change visible only in reflected light
			Paraffin oil	Light surface sign
		Resistance rate accordingly to Cen/ts16209	C	
Surface resistance to chemical agents	UNI EN 13442:2013	Visual evaluation, in diffused and direct light, of surface anomalies after contact 16/24h with:	Distilled water, detergent agent, red wine, coffee, tea, ammonia	No evident signs
			Acetone, ethanol, cow milk,	Slight halo or barely visible mark
			Red wine vinegar	slight sign visible from several directions
			Olive oil, black ink	visible sign
Fire Reaction	ANSI/UL723	Fire reaction	CFS	16.10
			FSI	15
			CSD	43.0
			SDI	45

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