

CIMENTO®



CIMENTO® PANELS

Technical Data Sheet

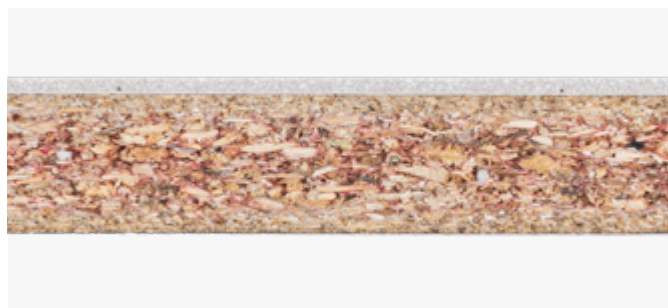
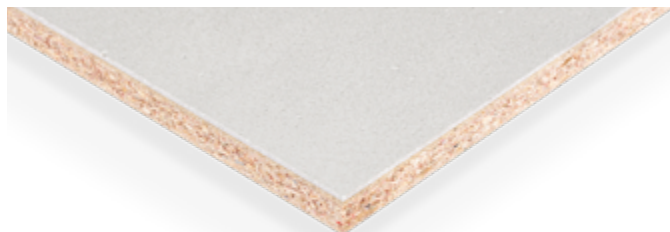
**EPD**
INTERNATIONAL EPD SYSTEM

Rev.09/07/25

Description

CIMENTO® PANELS is a product from the **CIMENTO®** range, designed for use in indoor applications to create counter walls, false ceilings and furnishing elements. **CIMENTO® PANELS** applies the typical finish of **CIMENTO®** products to different substrates, according to the client's requirements.

Saviola Chipboard



Section 1:1
Panel th. 18 mm + 2,5 mm **CIMENTO®**

Intended use

CIMENTO® PANELS are to be considered as furnishing and cladding elements and have no structural function. **CIMENTO® PANELS** are not suitable for applications subject to mechanical and chemical stress, such as kitchen worktops, bathrooms and wet rooms. Caratteristiche dei pannelli per interni **CIMENTO® PANELS**

Characteristics of CIMENTO® PANELS for interior applications

CIMENTO® PANELS are available in a standard size and can be supplied cut to the customer's project specifications.

dimensions	weight	thickness
100% Ecological Chipboard Saviola max 3600 x 1200 mm	74,48 kg	20,5 mm
Custom Chipboard	17,24 kg/m ²	20,5 mm

Available finishes and colours

CIMENTO® PANELS are available in a wide range of standard finishes and colours obtained through the use of natural pigments, which provide high colour stability in light.

Standard colours and finishes can be found in the SURFACES catalogue, which can be downloaded from www.cimento.tech.

Other colours are available on request. Please contact the **CIMENTO®** Sales Department.

Remarks

CIMENTO® panels can be installed using a variety of fixing systems, depending on the specifications and requirements of the project. Installation should be carried out by qualified personnel.

CIMENTO® PANELS can be easily machined with standard tools. It is recommended to use blades, discs, abrasives, etc. made of suitable material (e.g. diamond blades).

For detailed information on installation, design and maintenance, please refer to the relevant manuals. Please also contact the **CIMENTO®** sales department.

Cleaning and maintenance

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

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The characteristic co-existence of smooth and porous parts requires some simple precautions during routine cleaning. It is important to prevent dirt and deposits from shifting and accumulating in the porous parts, especially in the case of wet or oily substances.

The following steps are recommended for routine maintenance and should be carried out in this order:

1. First remove any dry deposits with a vacuum cleaner or soft bristle brush, removing dust and solid residues from both the smooth and porous areas of the surface.
2. Wipe the surface with a microfibre cloth dampened with a solution of water and neutral detergent, then wipe dry with another clean, dry microfibre cloth to avoid leaving marks.

If the surface comes into contact with staining substances, immediately treat the affected area with a cloth dampened with ammonia solution or similar products (avoid degreasers that require extensive rinsing) and then dry with a clean, dry cloth. Do not use aggressive acid-based, solvent-based or abrasive products.

Any variations from the sample are not to be considered as defects but as natural characteristics of the product. For this reason, Sai Industry srl does not accept any responsibility for variations; they are not considered defects and are not covered by the guarantee, especially for products purchased at different times.

Storage

Protect edges and corners from impact with suitable protective devices to avoid possible chipping.

Protect the panel from contact with staining substances, knives and sharp or abrasive objects that could damage the CIMENTO® finish by storing it in the appropriate packaging.

Store the panels on a flat, level and dry surface, ensuring uniform support over the entire surface.

Packages of the same size can be stacked on top of each other. Do not stack other materials that could damage the packaging or the panels.

CIMENTO® PANELS certifications
CLADDING PANELS CHIPBOARD

TECHNICAL SPECIFICATIONS	RULE	EVALUATED PARAMETER		OUTPUT
Finishing Thickness	Inside Test	CIMENTO® typical finishing thickness		2.5 mm
Saviola Chipboard Thickness	Inside Test	Saviola Chipboard Sialeagno support panel thickness		18 mm
Type of substrate	Inside Test	Examples of materials that can be coated with the CIMENTO® finish (actual compatibility must be assessed on a case-by-case basis, depending on the actual conditions in which the material will be used, with particular reference to its thermo-hygrometric characteristics).		Plywood panels; Wood fibre panels (MDF, chipboard); HPL fibrocement; honeycomb panels; alucobond
		Typical substrate thickness		1-50mm
Finishing Density	Inside Test	Average volume weight		≈2000 kg/m³
		Average surface weight		≈2 kg/m²·mm
Fire Reaction	UNI EN ISO 13501-1:2019	Fire reaction class of wall coverings with:	Sialeagno Saviola Chipboard support	B-s1,d0
Fire Reaction	ANSI/UL723	Fire Reaction for Sialeagno Saviola Chipboard ASTM E84-21	CFS	8,8
			FSI	10
			CSD	49,7
			SDI	50
Volatile organic compound emission (VOC)	UNI EN 16000-9:2006 Table D, annex I of Arrêté of 04/19/2011 publische in Journal Officiel De La Republique Francaise on 05/13/2011	Test performed on Saviola Chipboard panel with CIMENTO® coating andand stain-resistant acrylic-based surface treatment	Volatile organic compound emission total (TVOC)	724,00 µg/m³
			Formaldehyde emission	22,00 µg/m³
			Toluene emission	< 2,00 µg/m³
			Xilene emission	4,00 µg/m³
			Emission of Tetrocloroethylene, 1,2,4-Trimethylbenzene, 1,2-dichlorobenzene, Ethylbenzene, 2-dibutoxyethanol, styrene	Tutti < 2 µg/m³
			Acetaldehyde emission	< 10,00 µg/m³
			Emission class of total organic compounds	A
Surface Hardness	UNI 10782:1999	Medium hardness, determined by the pencil method (harder pencil hardness that does not scratch)		H
Surface resistance to abrasion	UNI EN 15185:2011	Resistance class achieved according to Cen/ts 16209		C
Surface resistance to scratching	UNI EN 15186:2012 met. B	Resistance class achieved according to Cen/ts 16209 with load 0.9N		D
Surface resistance to cold liquids	UNI EN 12720:2009	Visual evaluation of surface anomalies after contact with:	Distilled water, basic sweat, detergent solution, citric acid, ammonia	No evident sign
			Acetic Acid, Coffee, Ethanol, Acetone	Slight change visible only in reflected light
			Paraffin oil	Slight surface degradation
		Resistance class accordingly to Cen/ts16209		C
Surface resistance to chemicals	UNI EN 13442:2013	Visual evaluation, in diffused and direct light, of surface anomalies after contact with:	Distilled water, cleaning agent, red wine, coffee, tea, ammonia	No evident sign
			Acetone, ethanol, cow's milk	Slight halo or barely visible mark
			Red wine vinegar	Slight mark visible from several directions
			Olive oil, black ink	Pronounced mark

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