Colsam

Colsam is a brand of

Colorificio Sammarinese SpA

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Full paid-up share capital
€3.000.000,00
Registration number 279
dated July 6, 2010

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

2140 EDEN MATT

Multi-surface waterborne finish

ADI DESIGN INDEX
Selezione Compasso d'Oro

Eden Matt is a refined ultra-matt waterborne finish, perfect for the most refined and design-oriented interiors. Its innovative technology makes it optimally compatible with masonry, wood, metal and PVC, while its waterborne formula guarantees a healthy environment both during and after application. Easy to clean, it boasts excellent wear resistance and adds optimal hardness to surfaces even in areas subject to high traffic.

A+ | LCA IMPROVED | CAM COMPLIANT | INDOOR AIR COMFORT GOLD APPROVED | WELL ELIGIBLE | BREEAM ELIGIBLE | LEED ELIGIBLE | ELF MIN. EMISSION

Date of revision	02/10/2026
Main properties	• high resistance • easy to touch up • anti-drop • extreme opacity
Supports	Gypsum and plasterboard; mineral plasters and skim coats; pre-mixed plasters; painted surfaces; concrete; iron; wood; PVC; polyurethane frames.
Colour	Bianco base, Colormaker bases. It can be coloured with the Colormaker tinting system; the number of available bases is indicated in the catalogue and in the Colormaker Lab software.

Technical specifications (data measured at 20°C, with 65% R.H.)	**Reference**	**UoM**	**Value**
Specific weight (pycnometer)		kg/l	1.38 ± 0.04 (of the bianco base product)
pH			8.00 ± 0.50
Gloss 85° (instrumental control)		GU	2.5 ± 0.5@85° (G4 highly matt)
Grain structure	EN ISO 13300	µm	<100 (S1 fine)
Resistance to brushing while wet	EN ISO 13300		Class 1
Contrast ratio	EN ISO 13300		Class 2 (6 m^2/l in two coats)
Water vapour permeability	UNI EN ISO 7783		Class V1 (high permeability)
Fire reaction on supports A1 and A2	EN 13501-1		A2-s1, d0
Fire reaction paint only	EN 13501-1		B-s1, d0
Coat-over time		hours	4-6
Deep drying		hours	24-48

Certifications

E.L.F. (Emissions- Minimiert Loesemittelfrei)	PASS
INDOOR AIR CONFORT	PASS
INDOOR AIR CONFORT GOLD	PASS
French VOC Regulation	Classe A+
CAM Edilizia	PASS
ABG/AgBB	PASS
Belgian Regulation	PASS

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Blue Angel	PASS
EU Taxonomy	PASS

Method of use

. Surface and application conditions	Ambient temperature min +10°C / max +35°C RH < 80%. Surface temperature min +10°C / max +35°C RH < 10%.
. Application method	Roller, brush, spray.
. Thinner	Water
. Dilution	Roller or brush 10-20%
. Airless application	System: Wagner Airless Spraying pressure: 110 bar Nozzle: HEA PROTIP 415 Dilution: 20% water
. Mixing	Mix the product with care, adding water gradually until you reach the desired application viscosity.
. Theoretical coverage	10-12 m^2/l for each coat.

Application cycle

PLASTERBOARD AND MASONRY

Apply one coat of TITANCRIL waterborne sealer fixative or FLATFIX pigmented fixative which enhances adhesion, eliminates chalking, uniforms the support's absorbency, reduces the risk of marks forminand optimises consumption of waterborne paint.

IRON

Mechanically remove loose black oxide layers and any trace of rust. Degrease the support using suitable thinner. Eliminate any trace of dust and dirt. Apply one coat of Primer anticorrosivo Omnia to regularise and even the support. Wait for the fixative to dry completely (12-24 hours) before applying the finish.

WOOD

Verify that the support is dry and sand the surface to remove any raised wood fibres. Eliminate any trace of dust and dirt. Apply one coat of Omnia fondo per legno to regularise and even the support, then sand the surface lightly and remove the dust thoroughly. Wait for the primer to dry completely (12-24 hours) before applying the finish.

PVC

Lightly sand the support and eliminate any trace of dust and dirt.

POLYURETHANE FRAMES

Lightly sand the support and eliminate any trace of dust and dirt.

APPLICATION CYCLE

Once the support has been adequately prepared, apply two coats of Eden Matt with a 4-8 h interval in between, depending on the environmental conditions and on the support's absorption. Eden Matt must be applied as explained previously.

Storage

Protect against frost, store at temperatures between +5°C and 35°C. This product should preferably be used within 18 months of the date of shipment from Colorificio Sammarinese, provided it is stored in its original, unopened and intact packaging under the recommended conditions specified in the technical data sheet.

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Warnings	Do not apply to structures affected by rising damp. Do not apply to warm walls or walls exposed to direct sunlight, especially during summer. Apply the product at a temperature between +5°C and +35°C. Clean the tools soon after use and do not disperse the residues in the environment. Keep out of reach of children. For further information, consult the safety data sheet.
EU limit value (Dir. 2004/42/EC) - (Italian) Leg. Decree 161/2006	Cat. 1/a: matt paints for interior walls and ceilings (gloss≤25@60°) (WB): 30 g/l (2010). Maximum VOC content < 1 g/l.
Specification items	Apply 2 coats of EDEN MATT, in the colour desired by the work supervisor, after suitable preparation of the surfaces to be treated. Includes materials and application, excludes skimming and/or scaffolding.

This information is the result of our practical experience but is purely indicative. For more detailed information, please contact our technical support service. This data sheet annuls and replaces any previous versions.