carboline®
Coatings - Linings - Fireproofing

Farbocustic

A sound-absorbing plaster with superior visual appeal

FARBOCUSTIC DECORATIVE PLASTER

For inspiring interiors

Architects end their endless search for perfect ambience with Farbocustic.
Farbocustic decorative plaster offers the ideal blend of interior aesthetic appeal, noise absorption, and fire protection so architects can create warm, welcoming, and striking new or renovated spaces.

Exceptional surfaces

Architects across Europe recognize Farbocustic for the quality of its finished surface. No other spray-applied, gypsum-based decorative plaster can achieve a similar look and feel.

Color variety

Never settle for "close enough." Farbocustic is available in a wide range of colors, from subtle and muted to bold and vibrant. Make reality meet your vision.

Nearly endless use cases

Superior aesthetic appeal and good technical properties qualify Farbocustic for a wide range of interiors including retail, restaurants, event venues, hospitals, schools, libraries, co-working areas, and more.

Noise and fire properties

Farbocustic boasts good sound reduction and absorption qualities and is unique in its Class A1 fire rating. See next page for more technical details.

Color, sound, and fire properties

Farbocustic is one of the only gypsum-based decorative sound-absorbing plasters marketed in Europe. It helps architects create singular spaces that balance appeal, comfort, and safety.

Better color correction

Water is added to Farbocustic dry plaster mix before application. Architects can leverage this property to extend the range of available colors and achieve subtle color corrections in spaces with differing exposures to light.

Colour range

Farbocustic is available in a wide range of colors—from soft neutrals to bold, vibrant tones. It helps reduce noise while maintaining the visual appeal and brand identity of any occupied space. Colors shown are for reference only and may vary slightly.

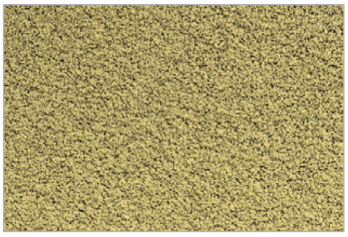
Natural

Brick

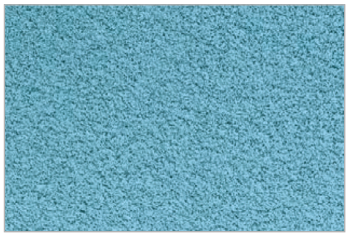
Green

Black

Grey



Yellow



Blue

Noise reduction and absorption data

Frequency (Hz)	125	250	500	1000	2000	4000	αw*	NRC **	CLASS ***
15 mm thickness	0,05	0,20	0,55	0,70	0,75	0,85	0,50	0,55	D
25 mm thickness	0,10	0,35	0,65	0,65	0,65	0,70	0,65	0,55	C
45 mm thickness	0,15	0,55	0,90	0,85	0,85	0,85	0,85	0,80	B

* Sound absorption, EN ISO 354

** Noise reduction coefficient, ASTM C423-09a

Credits: yyplusplus
Page 1, 2, 5: IDC Studio
Page 4: Belvil Estudio

Scan the code to read the full case study

Red Bull Spain now occupies new headquarters in Madrid following the extensive renovation of a building previously used as an engineering college.

Architecture firm **yyplusplus** designed furnishings and partitions to transform the open, noisy atmosphere into a pleasant space suitable for office work. They selected **Farbocustic** gypsum-based interior insulation because it combines excellent acoustic properties, a visually appealing finish, and safe natural fibers that enhance applicator and occupant safety.

TECHNICAL SPECIFICATIONS		
PROPERTIES	Consumption	3,0 ± 30% kg/m²/cm *Theoretical performance under laboratory conditions
	Thermal conductivity	ʎ10, dry, 90/90= 0,060 W/m.K (UNE-EN 12667:2002) ʎD,90/90(23/50)= 0,078 W/m.K (UNE-EN 12667:2002)
	Adhesion	> 0,081N/mm² (according to EGOLF EA/05)
	Colour	Standard colour chart
	VOC	
TECHNICAL	Area of use	Interior and inaccessible suspended elements
	Preparation	On a clean and dry surface, primed with Farbofix (consult with sales)
	Reaction to fire	A1 in accordance with EN 13501-1
	Sound absorption	Up to αw = 0,85 at 45 mm thickness (EN ISO 354) Up to NRC = 0,80 at 45 mm thickness (ASTM C423-09a)
GENERAL	Application method	Mixer/compressor spraying machine
	Packaging size	8kg bags / 60 bags/palet. Total 480kg

Pass VOC emission test on plaster

- French VOC Regulation of 03-04/2011 showing emission class
- german ABG/AgBB
- Belgian VOC
- Italian CAM

Scan the code to access our VOC emission test

ÉMISSIONS DANS L'AIR INTÉRIEUR

A+

A+ A B C

g BB

Ausschuss zur gesundheitlichen Bewertung von Bauprodukten

Enhancing comfort, efficiency, and sustainability

Energy efficiency is key to reducing consumption and promoting environmental and economic sustainability.

Among the many strategies, thermal insulation stands out for its cost-effectiveness and fast return on investment.

Noise pollution, though invisible, can significantly affect quality of life. Whether from outside or within, excessive noise disrupts comfort. Effective high acoustic absorption helps create quieter, healthier environments.

Class A1 fire behavior

The most welcoming spaces look and sound great—but must also be safe to occupy. Farbocustic is the only leading decorative sound-absorbing interior finish to meet Class A1 (according to EN13501-1) fire behavior criteria. Even the highest-performing competing cellulose-based materials only meet Class B criteria.

Fire resistance assessment

Assessment of the contribution to fire resistance of a fire protection system according to procedures established in standard EN 13381-3:2015. Determination of the equivalent thickness of concrete.

EQUIVALENT THICKNESS OF CONCRETE					
30 min	60 min	90 min	120 min	180 min	240 min
41 mm	48 mm	49 mm	48 mm	43 mm	36 mm

Afiti Licof Laboratory: Technical Report no. 10546-24-2.R1

*Farbocustic after successfully withstanding 240 minutes of fire resistance testing

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Superior technical guidance.

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1947

Since 1947, we have been dedicated to delivering innovative coatings, linings, and fireproofing products. We are driven to provide the best solutions, service, and quality to our customers.

Our customers can be confident that behind every sale is a team of some of the most well-respected members of the industry, dedicated and determined to make your project a success.

Our global network of industrial service centers and distribution points are strategically located around the world to provide the highest level of service and support for your project.

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