

Farbocustic

A sound-absorbing plaster with superior visual appeal



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 colours, 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 reaction. See next page for more technical details.



Frequency (Hz)	125	250	500	1000	2000	4000	α_w^*	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									



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study



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

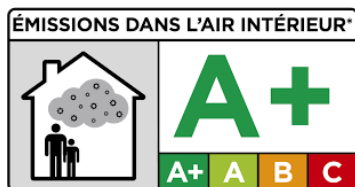
Architecture firm **yyplusplus** designed furnishings and partitions to transform the open, noisy atmosphere into a pleasant space suitable for office work. They selected **Farbocustic** gypsum-based interior insulation because it combines excellent acoustic properties, a visually appealing finish, and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



TECHNICAL SPECIFICATIONS		
PROPERTIES	Consumption	3,0 ± 30% kg/m ² /cm *Theoretical performance under laboratory conditions
	Thermal conductivity	λ10, dry, 90/90= 0,060 W/m.K (UNE-EN 12667:2002) λD,90/90(23/50)= 0,078 W/m.K (UNE-EN 12667:2002)
	Adhesion	> 0,081N/mm ² (according to EGOLF EA/05)
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 α _w = 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	9 kg bags / 42 bags/palet. Total 378 kg

Pass VOC emission test on plaster

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



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Farbofix

Bonding primer for improved adhesion

Ready-to-use, water-based bonding primer that enhances adhesion of mortars or paints on various substrates, from concrete and wood to steel and galvanized metal.

It ensures excellent surface preparation, even on porous or degraded bases, thanks to its strong penetration, sealing, and water-resistant properties.

- > Easy brush or roller application
- > Ideal for use before applying finishing layers
- > Supplied in 25 kg buckets
- > Coverage: 0.2–0.5 kg/m² (depending on surface)



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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1947

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