

EVOCEM is a company located in Figino Serenza, near the famous Lake of Como in Italy. For a decade, our business has focused on distribution of innovative cement based materials, typical of South America, contributing to insert them into the European market.

Armed of the daily expertise into developing new trends in term of continuous coatings and aided by the support of one of the largest worldwide chemical groups, the **EVOCEM** brand was born.

A young and proactive team forms **EVOCEM**, with a very strong passion for excellence and a can do attitude to test and reach new solutions.

EVOCEM represents a new generational step, enclosing the highest technology in the field.

EVOCEM is synonymous of continuous coatings, reliable and resistant, developed in respect of health and environment.

We have mixed the South American tradition with Italian technology and design, creating a high-tech material 100% MADE IN ITALY









MONO COMPONENT large grain microcement for background use. Very high performance, an uniforming skim coat, quick drying, low thick, highly hydrophobic, suitable for smoothing of every kind of mineral substrates, tiles, etc., based on hydraulic binders, polymers and special additives. Usable for walls and flooring, indoor and outdoor. COLORABLE with nr. 66 range TONER EVOCOLOR 700 colors.

THE PRODUCT







TECHNICAL CHARACTERISTICS

SPECIAL-ONE is an uniforming skim coat for preparation of substrates for **EVOCEM** microcements cycles. Its innovative formula is designed to make it neutral and ideal for finishing cycles on any substrate.

HIGH ADHESION AND ELASTICITY

SPECIAL-ONE is a product with a very high content of polymer such as it can adhere on any substrate typical of renewal, as tiles, EPS, polyurethane and extruded polystyrene panels, as well as on classic mineral substrates. Besides, it is a product highly elastic such as to have a lowering in bending of approximately 3 mm.

BARRIER EFFECT

SPECIAL-ONE is a one-component smooth coat with barrier effect that makes perfectly impervious surfaces. It has a pronounced drop effect. At the same time, the product ensures to the finish to be applied a perfect bonding link without need to pass a primer.

QUICK DRYING AND COMMISSIONING

SPECIAL-ONE has a fast drying time enough to apply the finish coat within 12-24 hours, a key condition for a fast commissioning and opening of the places.

USE: as background, 1 or 2 coats with or o without reinforcing mesh EVOMESH for leveling and preparation of substrates to EVOCEM finishes. The product is characterized by excellent insulating capacity on several reversals of provisions (tracks, between tiles etc.) And the ability to upload, if necessary up to 3/4 mm in a single coat. It is the ideal solution to avoid the occurrence of cracks in substrates particularly deteriorated. For smoothing concrete.

SUBSTRATES:

Cement-based and lime-based plasters, aerated concrete, concrete facades, specular precast concrete or cast in situ concrete, fiber cement, EPS, rock wool, mineralized wood, silicate paints, colored finishes well anchored to the substrate, calcium silicate boards, tiles.

DO NOT USE

On gypsum-based plaster if non treated before with **EVOPRIM**, on rubber, PVC, wood, linoleum, insulating film, not cementitious waterproofing membranes, with natural stones subject to movements, in the presence of dampness, substrates subject to continuous rising damp, for swimming pools, as waterproofing.

LAYING

Let stand for a few minutes the mixture before application. Apply the mixture as a classic adhesive with an iron or plastic trowel. If you want to leave it exposed, you can float with a sponge trowel, by slightly wetting the surface.

REINFORCEMENT EVOMESH

Spread EVOMESH on the surface and fix it (optional) to the substrate with EVOPRIM used pure. Spread one coat of SPECIAL ONE to going in cover the reinforcing mesh.

SUBSTRATES FOR EVOCEM MICROCEMENTS CYCLES



COMPLY WITH THE STANDARD

European Norm N.C.

INDICATIVE DATA OF THE PRODUCT

Co lor/con sistency:	white/powd er
Solidcontent%:	10 0
Bulkdensitykg/l:	approx. 1,6
Hazard classification according to 1999/45/EC:	irritant important to carefully read the instructions contained in this form, on bucket and on Safety Data Sheet
Stora ge:	12 m onths in d ry a nd v entilated enviro nm ent
Packa ging:	25 kg
Custom es deu	20245000

VALUES OF THE FINAL PERFORMANCE

Com pression strength after 28 days (EN 1015-11/EN 12190):	\geq 30 N/m m ²
Flexural strength a fter 28 d ays (EN 1 015-11):	> 7 N /m m 2
Initial adhesion a fter 28 d ays (EN 1 015-12/EN 1 542):	\geq 1 N/m m ²
Chlorideionscontent (EN 1015-17):	≤ 0 ,05%
C ap illary a bsorption (EN 1 3057) (kg/m ² .h ^{0,5}):	≤ 0 ,5
Water absorption c oefficient d ue to c apillary a ction	≤ 0 ,2
(E N 1 015-18) K g/m².min ^{0,5} :	
Heatconductivity (W/m*K) (EN 1 745):	0,84
Thermal compatibility as a dhesion a ccording to	
EN 1 542 a fter freeze/thaw c ycles (EN 1 3687/1):	≥ 0,8 M P a
Watervapourpermeability(μ)(EN1745):	15/3 5
Reactiont o fi re:	A1



VALUES AND APPLICATIVE

INFORMATION (AT 23°C AND 50% R.H.)

	Add 300/330 ml of clean water each kg of powder (from 7 to 7.5 liters for 25 kg)
Pot life:	≈ 20 / 40 minutes
Yield:	1,0 / 1,2 kg/m ² for 1 mm of thickness
Thickness: fr	rom 1 to 3 mm
Application temperature:	+ 5°C /+ 35° C
Start setting time: ∝	1 hour
End setting time: ∝	≈ 3 hours

WARNING

The requirements and the guidelines herein are to be considered purely indicative and corresponding to our everyday best experience. We therefore recommend carrying out the tests in order to verify that the product corresponds to what is actually required and expected. We, as producers, do not assume any responsi-bility about how, when and where our products are applied except for the constant quality of the material.

www.evocem.com



Bi-component **MEDIUM/LARGE** grain microcement, spreadable (Comp A Powder BASIC STRONG + Comp B binder **EVOBOND**), strongly hydro-jointed, very high adhesion and flexibility, applicable on any surface, whether metal or ceramic, mosaic, marble, granite, concrete, drywall, plaster, paint, crystal, wood, MDF etc. Usable for walls, flooring and furniture. **COLORABLE** with nr. 66 range **TONER EVOCOLOR** 700 colors.

THE PRODUCT







- floors, walls and pieces of furniture to be applied on multi-material:
- tiles, MDF etc.
- ✓ elastic and with high performances
- ✓ for coloured finishings
- ✓ textured aspect
- low thick



TECHNICAL CHARACTERISTICS

BASIC STRONG is the most material texture, with a natural and rough finishing. It gives the rooms a monolithic appearance from exceptional mechanical resistance, usable inside and outside thanks to its non-slip characteristics. It radically transforms the appearance without demolition. Ideal for high transit and external areas. BASIC STRONG combined to finish FLAT It proposes very specific surfaces from a chromatic point of view and aesthetic: very textural but in the same time smooth and easy cleaning, maintaining the exceptional resistance. Ideal for restaurants, bars and shops. BASIC STRONG thanks to its characteristics is also used as a preparatory undercoat for other EVOCEM finishes.

WATER RESISTANCE

Its impermeability avoids that possible infiltrations of water or aggressive agents could enter the support and cause a pre-mature degradation.

FLEXIBILITY AND INITIAL RESISTANCE

Due to its composition **BASIC STRONG** presents, after hardening, excellent flexibility and high resistance conferred by the special mixture of quartz, reaching excellent surface hardness that makes it suitable also as a garage flooring.

EVOCEM Microcement have unsurpassed adhesion, high elasticity and resistance to abrasion and shock. Thanks to the strong grip on various surfaces and to a Overall thickness of about 3 /4mm it can be applied directly to any existing surface without the need to remove it.

USE: as background, 1 or 2 coats, with or whitout EVOMESH (reinforcing mesh) for leveling and preparation of finishes EVOCEM, increased performances of stratified. As 1 coat FINISH to give material effect like crushed stone and antiskid, ideal for stressed surfaces (high transit). Excellent for rehabilitation of bathrooms or kitchens without removing ceramic or paving tiles.

SUBSTRATE: Cement, ceramic, marble, iron, plastered walls or plasterboard, MDF, coatings, screeds, old tiles. Only absorbent or crumbly backgrounds needs promoter EVOPRIM treatment.

DO NOT USE

On rubber, PVC, linoleum, insulating film, **not** cementitious waterproofing membrane swith natural stone subject to movement in case of damp, in case of rising damp.

LAYING

The substrate must be consistent, mature and free from dust, oil, grease or parts not properly anchored to the substrate. It must be sufficiently planar, otherwise it has to be paved with a sander with coarse grinding wheel and/or levelling with SPECIAL ONE Monocomponent. The special formulation gives BASIC STRONG excellent features as a primer, and at the same time the possibility of using it as a finishing. BASIC STRONG It is universally used when the substrates already have good flatness (in the worst cases is advisable to use SPECIAL ONE). Laid in one or in two coats with the insertion of reinforcing mesh EVOMESH, depending on the performance necessary to the final surface and on the stability of the laying funds. As finishing it is enough one coat thanks to the covering capacity. For the drafting It is important to use the USA trowel **EVOCEM** with special flexibility needed to control the material preparation. At first coat is possible to use traditional trowels (with greater length and rigidity) which help to calibrate the flatness of the background. Among the first two coats is not mandatory to sand the surface if there are no defects of laying to correct. Always sand (Grain 60 / 80g) on the finishing coat and suck the residual dust. The finished surface has then to be treated with EVOCEM protective cycle: 1 coat of EVOPRIM and 2 coats of polyurethane water-EVO series 2K or 1K.



COMPLY WITH THE STANDARD

European Norm N.

INDICATIVE DATA OF THE PRODUCT

Color/consistency:	white / powder
Solid content %:	100
Bulk density Kg/l:	approx 1,55
Hazard classification according to	irritant, important to carefully read the instructions contained in this form, on bucket and on
1999/45/EC:	Safety Data Sheet
Storage:	12 months in dry and ventilated environment
Package:	A21 Kg+B7 lt./ A9 Kg+B3 lt. / A3 Kg+B1 lt.
Custom code:	3824 50 90

VALUES OF THE FINAL PERFORMANCE

Compression s tren g th (afte r 28 days): $\approx 45 \mbox{ N/mm}^2$

Flexural s treng th (after 28 d ays) : \approx 10 N/mm²

Abrasion resistance -Taber test (sandpaper strips S42; < 1,3 g 1.000 g; 3,000 rpm) (EN 5470)



APPLICATION ON BALCONY

VALUES AND APPLICATIVE INFORMATION (AT 23° C AND 50% R.H.)

Pot life: approx. 120 minutes

Yield: ≈ 1, 85 Kg/sqm 2 coats / 1,10 Kg/sqm 1 coat

Complementary product: Binder EVOBOND comp. B

Application temperature: + 5°C /+ 35°C

Time between two coats: from 4 to 20 hours (depending on temperature)

Time before finishing: > 24 hours

Set to light foot traffic: \approx 24 hours

Ready to use: \approx 4 days

Mixture PH: ≈ 12

WARNING

The requirements and the guidelines herein are to be considered purely indicative and corresponding to our everyday best experience. We therefore recommend carrying out the tests in order to verify that the product corresponds to what is actually required and expected. We, as producers, do not assume any responsibility about how, when and where our products are applied except for the constant quality of the material.

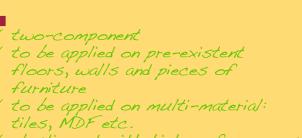
www.evocem.com



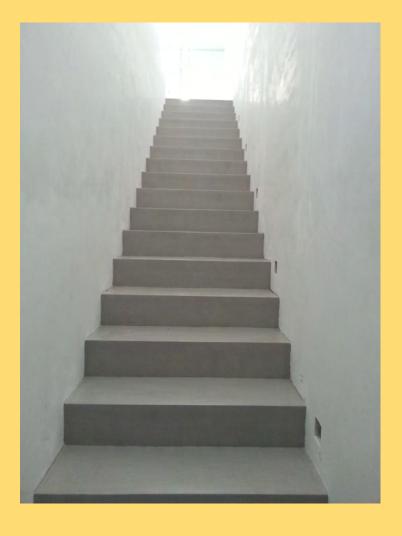
Bi-component **MEDIUM/THIN** grain microcement, spreadable (Comp A Powder **URBAN** + Comp B binder **EVOBOND**), strongly hydro-jointed, very high adhesion and flexibility, applicable on any surface, whether metal or ceramic, mosaic, marble, granite, concrete, drywall, plaster, paint, crystal, wood, MDF etc. Usable for walls, flooring and furniture. **COLORABLE** with nr. 66 range **TONER EVOCOLOR** colors.

THE PRODUCT





- V elastic and with high performances
- V for coloured finishings
- √ textured aspect
- / low thick



TECHNICAL CHARACTERISTICS

URBAN is the texture that is the closest to the Industrial concrete effect, highly wanted by designer, that can create, depending on the laying technique, smooth and compact surfaces with the typical imperfections of concrete or a spatula-like stone effect more delicate than the BASIC STRONG finishing effect.

It gives to the room a monolithic appearance with exceptional mechanical resistance and it is suitable for internal and external. It radically transforms the appearance without demolition. Ideal for high transit and external areas **URBAN** combined with **FLAT** finishing offers very specific surfaces from a chromatic and aesthetic point of view: very material but at the same time smooth and easy to clean, maintaining the exceptional resistance. Ideal for Restaurants, bars and Commercial Business. **URBAN** Thanks to its features is also used between the preparatory and other finishes as **ELEGANT** or **FLAT**.

WATER RESISTANCE

Its impermeability avoids that possible infiltrations of water or aggressive agents could enter the support and cause a premature degradation.

FLEXIBILITY AND INITIAL RESISTANCE

Due to its composition **URBAN** has, after hardening, excellent flexibility and very high resistance conferred by special mixture of quartz, achieving an excellent finished surface but with exceptional strength that makes it suitable also for high transit surfaces. **EVOCEM** Microcement have unsurpassed adhesion and a

remarkable elasticity and resistance to abrasion and shock. Thanks to the strong adhesion on various surfaces and a total thickness of about 3/4mm, it can be applied directly on any existing surface without the need to remove it.

USE: as 1 or 2 coats FINISH to give smooth and compact industrial effect, ideal for commercial and residential with stressed surfaces (high transit) and external

SUBSTRATE: Cement, ceramic, marble, iron, plastered walls or plasterboard, MDF, coatings, screeds, old tiles. Only absorbent or crumbly backgrounds needs promoter EVOPRIM treatment.

DO NOT USE

On rubber, PVC, linoleum, insulating film, not cementitious waterproofing membranes with natural stone subject to movement in case of damp, in case of rising damp.

LAYING

The substrate must be consistent, mature and free from dust, oil, grease or parts not properly anchored to the substrate. It must be sufficiently planar. Microcement URBAN has to be use only as a finishing and it needs of 1 or 2 overlapped coats, depending on the type of substrate prepared with SPECIAL-ONE and BASIC STRONG with or without EVOMESH armour. In some difficult cases, it can be used to plain the surfaces for thicker finishing (FLAT or ELEGANT). For drawing it is important to use the USA trowel EVOCEM with special flexibility, needed to control the material during the drawing. Between the two coats, is necessary sanding (120/150GR) and the finished surface must be protected with protective cycles EVOCEM : 1 coat of EVOPRIM and 2 coats of EVO 2K or 1K (water based polyurethane series).



SWIMMING POOL

VALUES AND APPLICATIVE INFORMATION (AT 23° C AND 50% R.H.)

Pot life: approx. 120 minutes

Yield: ≈ 1, 50 Kg/sqm 2 coats / 0,8 Kg/sqm 1 coat

Complementary product: Binder EVOBOND comp. B

Application temperature: + 5°C /+ 35°C

Time between two coats: from 4 to 20 hours (depending on temperature)

Time before finishing: > 24 hours

Set to light foot traffic: \approx 24 hours

Ready to use: \approx 4 days

Mixture PH: ≈ 12

WARNING

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European Norm N. INDICATIVE DATA OF THE PRODUCT Bulk density Kg/l: approx 1,60 read the instructions contained in this form, on bucket and on according to Safety Data Sheet 1999/45/EC: Storage: 12 months in dry and ventilated

COMPLY WITH THE STANDARD

environment A21 Kg+B7 lt./ A9 Kg+B3 lt. / A3 Kg+B1 lt. Package: Custom code: 3824 50 90

VALUES OF THE FINAL PERFORMANCE

Compression s tren g th (afte r 28 days): \approx 45 N/mm²

Flexural s treng th (after 28 d ays) : \approx 10 N/mm²

Taber test (sandpaper strips S42; 1.000 g; 3,000 rpm) < 1,25g (EN 5470)

www.evocem.com



Bi-component very THIN grain, spreadable (Comp A Powder ELEGANT+Comp B binder EVOBOND), strongly hydro-jointed, very high adhesion and flexibility, applicable on any surface, whether metal or ceramic, mosaic, marble, granite, concrete, drywall, plaster, paint, crystal, wood, MDF etc. Usable for walls, flooring and furniture.

COLORABLE with nr. 66 range TONER EVOCOLOR 700 colors.

THE PRODUCT



FLEXIBLE



HYDROPHORIC



✓ to be applied on pre-existent floors, walls and pieces of furniture ✓ to be applied on multi-material: tiles, MDF etc. elastic and with high performances for coloured finishings Smooth aspect ow thick



TECHNICAL CHARACTERISTICS

ELEGANT is the material texture with the special alive and moved colour and extremely pleasant to the touch thanks to its smooth and velvety surface. It gives the rooms an elegant, solid and monolithic look. It radically transforms the aesthetic look without any demolition. Ideal to renovate bathrooms of private houses and hotels. WATER RESISTANCE

Its impermeability avoids that possible infiltrations of water or aggressive agents could enter the support and cause a premature degradation.

FLEXIBILITY AND INITIAL RESISTANCE

Due to its composition, **ELEGANT** has, after hardening, excellent flexibility and high resistance that, despite the absence of quartz, still achieves an excellent hardness surface that makes it suitable for use as flooring.

EVOCEM Microcement have unsurpassed adhesion and a remarkable elasticity and resistance to abrasion and shock. Thanks to the strong adhesion on various surfaces and a total thickness of about 3/4mm, it can be applied directly on any existing surface without the need to remove it.

USE: as 2 coats FINISH to give smooth and velvety effect with different chromatic shadings, ideal for any residential surfaces (perfect for bathroom) with average stressed surfaces.

SUBSTRATE: Cement, ceramic, marble, iron, plastered walls or plasterboard, MDF, coatings, screeds, old tiles. Only absorbent or crumbly backgrounds needs promoter EVOPRIM treatment.

DO NOT USE

On rubber, PVC, linoleum, insulating film, not cementitious waterproofing membranes with natural stone subject to movement in case of damp, in case of rising damp.



COMPLY WITH THE STANDARD

European Norm N.

INDICATIVE DATA OF THE PRODUCT

Color/consistency :	white / powder
Solid content %:	100
Bulk density Kg/l:	approx 1,67
Hazard classification according to 1999/45/EC:	irritant, important to carefully read the instructions contained in this form, on bucket and on Safety Data Sheet
Storage:	12 months in dry and ventilated environment
Package:	A14 Kg+B7 lt./ A6Kg+B3 lt. / A2Kg+B1 lt.
Custom code:	3824 50 90

VALUES OF THE FINAL PERFORMANCE

Compression s tren g th (afte r 28 days): \approx 40 N/mm²

Flexural s treng th (after 28 d ays) : \approx 9,5 N/mm²

Abrasion resistance -Taber test (sandpaper strips S42; 1.000 g; 3,000 rpm) (EN 5470) < 1,40 g

LAYING

The substrate must be consistent, mature and free from dust, oil, grease or parts not properly anchored to the substrate. It must be sufficiently planar. Microcement ELEGANT is only a finishing and it always needs two overlapping coats, regardless of the type of substrate whether with SPECIAL-ONE, BASIC STRONG or other materials. For drawing it is important to use the USA trowel EVOCEM with Special flexibility, needed to control the material during the drawing. Between both hands you must always perform sanding (180 / 220g) and accurate suction of residual dust by vacuuming and / or microfiber cloths The finished surface must be protected with protective cycles EVOCEM : 1 coat of EVOPRIM and 2 coats of EVO 2K or 1K (water based polyurethane series).



APPLICATION ON STAIR

VALUES AND APPLICATIVE INFORMATION (AT 23° C AND 50% R.H.)

Pot life: approx. 120 minutes

Yield: ≈ 1 Kg/sqm 2 coats / 0,56 Kg/sqm 1 coat

Complementary product: Binder EVOBOND comp. B

Application temperature: + 5°C /+ 35°C

Time between two coats: from 4 to 20 hours (depending on temperature)

Time before finishing: > 24 hours

Set to light foot traffic: ≈ 24 hours

Ready to use: ≈ 4 days

Mixture PH: ≈ 12

WARNING

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www.evocem.com



Bi-component ultrafine microcement mush (Comp A Powder FLAT + Comp B binder EVOBOND LEVEL) based on hydraulic binders and resins. It is a revolutionary finish, that applied at a very low thickness in the end of the cycle, has the purpose to close every pores and holes typical of surfaces finished with BASIC STRONG and URBAN. Helps to increase the abrasion resistance of the material and to make the surface smooth.COLORABLE with nr. 66 range TONER EVOCOLOR 500 colors.

THE PRODUCT













CEMENT BASED

WALL & FLOOR

TWO-COMPONENT

APPI ICATION

TO BE APPLIED AT TEMPERATURE FROM 5°C TO 35°C

HYDROPHORIC



USE PERSONAL PROTECTIVE EQUIPMENT

TO BE APPLIED

WITH SPATULA

COLORABLE

MECHANICAL

TO BE APPLIED WITH STAINLESS STEEL TROWEL

MIXING



GOOD PRICE/ PERFORMANCE RATIO





- ultra textured effect
- smooth surface
- very high abrasion resistance
- V very high scratch resistance
- ✓ quick application cycle
- very low consumption & easy to use



TECHNICAL CHARACTERISTICS

APPEARANCE

FLAT is a revolutionary finishing, applied as a slurry grout with a very low thickness. It is designed to close all the pores, gorges and valleys typical of the rough surface of **BASIC STRONG** and **URBAN** Microcement. The product allows to obtain an extremely original effect as it gives the visual sensation of a material and rough to touch surface while this surface is perfectly smooth. The system allows infinite combinations of tones since, once the surface is sanded, you see both background and finish colors, and the typical burns due to sanding.

ABRASION RESISTANCE

A floor made with **BASIC STRONG** or **URBAN** as substrate and **FLAT** as finishing is an application cycle with the higher surface resistance to abrasion, creep, scratch and peak loads. Its unique features make the product an excellent alternative to ceramic floor tiles, while maintaining the typical monolithic effect of material and finish. Ideal when you needs aesthetics and maximum mechanical strength, as in shopping centers, restaurants, bars etc.

THE PERFECT MARRIAGE BETWEEN BEAUTY AND CONVENIENCE

FLAT allows to conciliate the need to have perfectly smooth, not abrasive and practical surfaces with the possibility to have an effect that looks rough. Until now, this rough-to-touch effect was exclusive for ceramics finishes. The lack of roughness makes it the perfect product for easy cleaning.

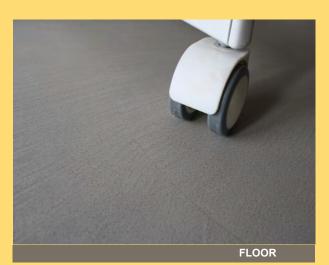
USE: for floors and walls in exterior and interior, application as final texture to be sanded

SUBSTRATE: BASIC STRONG and URBAN Microcement

FLAT is the last layer of finish cycle. On a substrate previously prepared with BASIC STRONG or URBAN Microcement properly sanded and aspirated, apply (only with trowel EVOCEM with special flexibility indispensable for material application sensitivities) a thin layer of FLAT (about 200 g/sqm), taking care to let the area as clean as possible. Once this has hardened (after min. 2/4 hours), proceed with the sanding. Sanding operations depends greatly from the quality of the surface realized, from the thickness of material applied and the effect you want to obtaine, approx grained (80 / 120 gr). If you want to get an extra hardness and polished surface , you follow three grits method: first roughing with 180 grit, second finishing with 300 grit finishing and last polishing with grit 500. The finishing with FLAT reads perfectly the texture of the substrate and so, greater are the number of lines and ridges, more uneven will be the result. The finishing with FLAT is perfectly smooth even if it gives the impression of being rough. The finished surface must be protected with protective cycles EVOCEM : 1 coat of EVOPRIM and 2 coats of EVO 2K or 1K (water based polyurethane series).

LAYING





COMPLY WITH THE STANDARD

European Norm N.

INDICATIVE DATA OF THE PRODUCT

Color/consistency :	white / powder
Solid content %:	100
Bulk density Kg/I:	approx 1,00
Hazard classification	irritant, important to carefully
according to	read the instructions contained in this form, on bucket and on
1999/45/EC:	Safety Data Sheet
Storage:	12 months in dry and ventilated
	environment
Package:	A10 Kg+B5 lt./ A6 Kg+B3 lt. / A2 Kg+B1 lt.
Custom code:	3824 50 90

VALUES OF THE FINAL PERFORMANCE

Abrasion resistance - Taber test	
(sandpaper strips S42; 1.000 g; 100 rpm:	0,1 g
Abrasion resistance - Taber test	
(sandpaper strips S42; 1.000 g; 300 rpm:	0,2 g
Abrasion resistance - Taber test	
Abrasion resistance - Taber test (sandpaper strips S42; 1.000 g; 500 rpm:	0,3 g
	0,3 g

VALUES AND APPLICATIVE INFORMATION (AT 23° C AND 50% R.H.)

Pot life: approx. 90 minutes

Yield: ≈ 0,5 Kg/sqm

Complementary product: Binder EVOBOND LEVEL comp. B

Application temperature: + 5°C /+ 35°C

Time before finishing: > 24 hours

Set to light foot traffic: ≈ 24 hours

Ready to use: \approx 4 days

Mixture PH: ≈ 12

WARNING

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www.evocem.com



Bi-component self-leveling microcement (Comp A Powder EASY LEVEL + Comp B binder EVOBOND LEVEL) high performances, wear resistant, high workability, based on cement and special hydraulic binder. COLORABLE with nr. 66 range TONER EVOCOLOR 500 colors.

THE PRODUCT



r self-

- which parforments
- ign per of munce
- TOR INDUSCRIU TIOORI
- water-repeller
- ✓ absence of ettlorescence
- 🗸 fluid, easy to lay, washable
- √ thickness from 3 to 10 mm



TECHNICAL CHARACTERISTICS

EASY LEVEL is extremely fluid and self-leveling. Presents a specific additivation for control of dispersion and wettability of dyes **EVOCOLOR** such as to confer an excellent color rendering and very low efflorescence. Its chemical formula is designed to resist to segregation at fresh state. Thanks to its high fluidity, it can be laid with rubber squeegee or with a trowel.

ABRASION RESISTANCE

The use of high resistance cements, self-compacting additives and high hardness spherical quartz give to **EASY LEVEL** extremely high abrasion resistance, even if this is due to friction, rolling or peak load. This feature makes it the ideal product, even in case of floors subject to heavy and intense traffic

EASY LEVEL has been designed to be applied on wide surfaces without using closed joints. It does not present any problem of shrinkage, bending and curling but allows you to make wide monolithic surfaces safe and durable.

USE:

Excellent for flooring indoors and outdoors. Ideal for civil, commercial or industrial use, for heavy traffic areas, resistant to thermal shocks and frost. Ideal for flooring in schools, gyms, offices, warehouses and cold stores, or agroindustries, dairies, oil mills, slaughterhouses. Can also be used in overlaying.

SUBSTRATES:

Cementitious and ready-to-use screeds, prefabricated or cast in situ concrete, aerated concrete, underfloor heating. Excellent on cementitious waterproofing. Good for overlaying on cementitious chips. Even good on gypsum-based screeds if first treated with **EVOPRIM**.

DO NOT USE

On glazed or resin tiles, stoneware, plasterboard, on epoxy or flexible primers, on fiber cement, metallic surfaces. On rubber, PVC, wood, linoleum, insulating films, on not cementitious waterproofing membranes.

On natural stones subject to movements in presence of dampness and on substrates subject to continuous rising damp

SUBSTRATE PREPARATION

The substrate must be consistent, cured and free from dust, oil, grease or parts not properly anchored to the substrate. It must be properly planar otherwise it should be smoothed with a sander with coarse grinding wheel. If you need to perform concrete castings, these should be trowelled to remove the excess of water on surface. NB: In all cases, you have to pass the day before a coat of **EVOPRIM**.

LAYING

Add 50% of the EVOBOND LEVEL Comp B needed to the powder and mix with a drill helix. When it has become a homogeneous paste, add the rest of the EVOBOND LEVEL, to avoid the formation of lumps. Let stand 3/5minutes, then mix again and cast it on the substrate, enlarging the mortar using a steel trowel, a rubber squeegee or/and a spiked roller. During the laying, you must be careful to let a uniform thickness for every layer. In the case of very irregular substrates we recommend to apply 2 layers of material: the first one will help to level roughness. Use only EVOBOND LEVEL in premeasured quantities supplied. The finished surface must be protected with protective cycles EVOCEM : 1 coat of EVOPRIM and 2 coats of **FV0 2K**



COMPLY WITH THE STANDARD		
European Norm N.		
INDICATIVE DATA OF THE PRODUCT		
Color/consistency: white / powder		
Solid content %: 100		
Bulk density Kg/l: approx 1,40		
Hazard classification according to 1999/45/EC: Safety Data Sheet		
Storage: 12 months in dry and ventilated environment		
Package: A21Kg+B5 lt./ A12,6 Kg+B3 lt. / A4,2 Kg+B1 lt.		
Custom code: 3824 50 90		
VALUES OF THE FINAL PERFORMANCE		
Compression strength after 28 days (EN 13892-2): \geq 40 N/mm ²		
Flexural strength after 28 days (EN 13892-2): ≥ 7 N/mm²		
Adhesive strength on concrete after 28 days (EN $~\geq 2,5$ N/mm^2 13892-8):		
Abrasion resistance (EN 13892-3) cm ³ /50 cm ² : A6		
Abrasion resistance (EN ISO 5470) Taber abrader (CS17 disk - 1,000 g - 500 rpm): < 0,6 g		
Abrasion resistance (EN ISO 5470)		
Taber abrader (CS17 disk - 1,000 g - 3,000 rpm): < 1,0 g		
Shrinkage (EN 13454-2) (mm/m): ≈ 0,4		
Resistance to solvents, oils, alkalis: excellent		



VALUES AND APPLICATIVE INFORMATION (AT 23° C AND 50% R.H.)

Pot life: approx. 20 minutes/40 minutes (depending on temperature)

Yield: ≈ 2 Kg/sqm for mm of thickness

Complementary product: Binder EVOBOND LEVEL comp. B

Application temperature: + 10°C /+ 30°C

Setting time: ≈ 60 minutes

Set to light foot traffic: \approx 12 hours

Ready to use: \approx 3 days

Mixture PH: ≈ 12

Fluidity or spreading ring 30 x 50 mm : \approx 140 mm (EN 12706)

WARNING

The requirements and the guidelines herein are to be considered purely indicative and corresponding to our everyday best experience. We therefore recommend carrying out the tests in order to verify that the product corresponds to what is actually required and expected. We, as producers, do not assume any responsibility about how, when and where our products are applied except for the constant quality of the material.

www.evocem.com

Resistance to acid: mediocre



Bi-component self-compacting microcement (Comp A Powder 3Design + Comp B binder EVOBOND LEVEL). Ideal to realize high quality cement artifact. Its technical features, in addition to its essential and material effect, allow to realize a custom furniture, with countless decorative solutions. COLORABLE with nr. 66 range TONER EVOCOLOR 300 colors.

THE PRODUCT



TWO-COMPONENT







CEMENT-BASED







COLORABLE

FOR FURNITURE/

FOR MOLDS

MECHANICAL

MIXING

TO BE APPLIED AT TEMPERATURE FROM 5°C TO 35°C



QUICK SETTING



TECHNICAL CHARACTERISTICS

3DESIGN is the first self-compacting Microcement mortar, the first product for pouring into molds without deformations. Ideal to realize high quality cement artifact eg. tiles, sinks, shower trays, kitchenettes, bathtubs etc.Un like ceramics, where the final result depends on the quality of the mold and where the process must consider all of the deformations induced by firing, with 3DESIGN, even a simple mold in expanded polystyrene is enough because you can always improve the surface through simple machining. Its selfcompacting structure allows it to impress any textures or any drawings made within the mold.

TIMELESS DESIGN

Thanks to its textured and essential aspect, cement is the ideal material for realizing custom-made furniture, in order to en-hance semplicity and elegance of lines to offer to your indoors and outdoors a timeless design. The technical characteristics of **3DESIGN** combined with its textured and essential as-pect allow to realize a custom-made furniture with an infinite number of decorative possibilities because it is malleable, modular, and resistant at the same time.

NON-NEWTONIAN FLUID

Thanks to its exclusive compound **3DESIGN** is a not-newtonian fluid: its viscosity varies according to the cutting effort that is applied allowing it to adapt to any required shape.

•Excellent for indoors or outdoors flooring.

• Ideal for civil, commercial or industrial use and for heavy traffic areas, resistant to thermal shocks and frost.

• Ideal to realize high quality cementbased manufactured objects as tiles, sinks, show-ers, countertops, bathtubs.

•Good aesthetic and colour rendering..

OBJECTS



MOLD PREPARATION

The mold must be perfectly clean and dry, because, otherwise, any flaws may effect the final product. For an optimal result, we recommend to build a wooden formwork.

LAYING

MIXTURE APPLICATION

Pour **3DESIGN** (previously mixed with **EVOBOND LEVEL**) into the mold very slowly in order to allow bubbles to come out more easily. Let it dry for at least 6 hours. **MOLD REMOVING**

After 6 hours, remove the wood formwork. Then, remove the object realized with **3DESIGN**. Let cure the object for 48 hours before other machinings. The finished surface may be optionally treated with:

EVOPROOF nanotechnological water-based solution that creates a breathable barrier hydro-oleophobic or with protective cycles **EVOCEM** : 1 coat of **EVOPRIM** and 2 coats of **EVO 2K** or **1K** (water based polyurethane series).

DO NOT USE

On glazed, resin or cement-based tiles, on stoneware, plasterboards, on epoxy or flexible primers, on fiber cement, metal surfaces, rubber, PVC, wood, linoleum, insulating films, non cementitious waterproofing membranes.





European Norm N.

INDICATIVE DATA OF THE PRODUCT

Color/consistency :	white / powder
Solid content %:	100
Bulk density Kg/l:	approx 1,00
Hazard classification according to 1999/45/EC:	irritant, important to carefully read the instructions contained in this form, on bucket and on Safety Data Sheet
Storage:	12 months in dry and ventilated environment
Package:	A21 Kg + B3 lt./ A3 Kg + B1 lt.
Custom code: 3	3824 50 90

VALUES OF THE FINAL PERFORMANCE

Compression strength (EN 13892-2):	≥ 60 MPa
Flexural strength (EN 13892-2):	≥ 10 MPa
Resistance to solvents:	excellent
Resistance to oils:	excellent
Resistance to alkalis:	excellent
Resistance to acid:	mediocre



VALUES AND APPLICATIVE INFORMATION (AT 23° C AND 50% R.H.)

Pot life: approx. 20 minutes

Yield: \approx 2,2 Kg/sqm for mm thickness

Complementary product: Binder EVOBOND LEVEL comp. B

Application temperature: + 5°C /+ 35°C

Start setting time: \approx 50 minutes

Ready to use: \approx 7 days

Mixture PH: ≈ 12

Mixture density: 2,2 Kg/Lt.

WARNING

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www.evocem.com



Bi-component spreadable natural extra thin **METAL** POWDER,with additives (Comp A **METAL** powder + Comp B binder **METALBOND**), very high adhesion and flexibility, applicable on any surface.

MECHANICAL

TO BE APPLIED WITH STAINLESS STEEL TROWEL

TO BE APPLIED WITH SPATULA

USE PERSONAL

IRON (CORTEN)

GREEN COPPER

PROTECTIVE

EQUIPMENT

MIXING

THE PRODUCT







INDOOR &



INDOOR & OUTDOOR USE

TWO-COMPONENT

WALL & FLOOR

APPI ICATION



TO BE APPLIED AT TEMPERATURE FROM 5°C TO 35°C

FLEXIBLE

E

OXIDO

EFFECT



HYDROPHOBIC

To verify fitness of metal chosen for application on the floor read before data sheet product.



two-component

- (to be applied on pre-existent floors, walls and pieces of furniture
- ✓ to be applied on multi-material: tiles, MDF etc.
- ✓ elastic and with high performances
- Real aspect
- low thick



TECHNICAL CHARACTERISTICS

H\Y'Z]b]g\Yg'**A 9H5@'9JC79A** UfY'Udd`]WW'Y'hc'Ubmgi fZUW'k \Yh\Yf' a YhU'ž'WfUa]WžghcbYk UfYža cgU]Wgza UfV'Yz[fUb]hYžWcbWfYhYž Xfnk U``žd`UghYfždU]bhž[`Uggžk ccXžA 8: žYhW': cf'Wcj Yf]b[`k U``gž Zccfg'UbX'Z]fb]h fY''H\Y'gdYW]U`a]I hi fY'cZbUhi fU``dck XYf'k]h\ UXX]h]j Ygža]I YX'k]h\ 'gdYW]Z]W**9JC79A** 'V]bXYf'\Ug'U``ck YX'h\Y' Wcbghfi Wh]cb'cZYI Wi g]j Y'WcUh]b[g'k]h\ 'ghfcb[`UYgh\Yh]W]a dUWhih\Uh' WUb'gi]hcb'Ubmgi fZJWY'UbX'g\UdY''

H\Y'Z ```fUb[Y'cZa YhU`s.

IRON, COPPER, BRASS, BRONZE e ALLUMINIUM 'U``ck 'U'k]XY' fUb[Y'cZYZZYWg'dcgg]V`Y'Udd`]WUh]cbg'Vch\']b`]bhYfbU`'UbX'YI hYfbU'' Gi fZJWg'WUb'VY'Z fh\Yf'Ya VY``]g\YX'VmOXIDISED YZZYWg``]_Y' CORTEN cf'GREEN COPPER"

EVOCEM METALS `\Uj Y fYU``m\][\`UX\Yg]cb`UbX`i bgi fdUggYX` Y`Ugh]VJm"`H\Ub_g`fc`h\Y`gffcb[`[f]d`cb`j Uf]YX`si fZJVVg`UbX`Ub`UVci h` %&`a a`cj YfU```h\]V_bYggžh\YmVUb`bY]b[`add`]YX`cb`U`k]XY`fUb[Y`cZ` YI]gh]b[`gi fZJVVg"



www.evocem.com

USE: as 2 coats FINISH for indoor and outdoor surfaces.

SUBSTRATE: Cement, ceramic, marble, iron, plastered walls or plasterboard, MDF, coatings, screeds, old tiles. Only absorbent or crumbly backgrounds needs promoter EVOPRIM treatment.

PRINCIPAL LAYING INFORMATION

The substrate must be consistent, mature and free from dust, oil, grease or parts not properly anchored to the substrate. It must be sufficiently planar. METALS EVOCEM have to be used only as a finishing and they need 2 overlapping coats. Depending of the final application, the substrata has to be prepared with SPECIAL-ONE and BASIC STRONG with or without the EVOMESH armour. For drawing it is important to use the USA trowel **EVOCEM** with Special flexibility, needed to control the material during the drawing. Between the two coats, is necessary sanding (180/240gr) and the finished surface must be protected with protective cycles EVOCEM : 1 or 2 coats of NOGLOSS 1K and if is necessary 2 coats of EVO 2K (water based polyurethane series).

DO NOT USE

On rubber, PVC, linoleum, insulating film, not cementitious waterproofing membranes with natural stone subject to movement in case of damp, in case of rising damp.







FURNITURE

COMPLY WITH THE STANDARD

INDICATIVE DATA OF THE PRODUCT

according to 1999/45/EC:

Hazard classification irritant, important to carefully in this form, on bucket and on Safety Data Sheet

12 months in dry and ventilated

Package: A10 Kg + B5lt./ A5 Kg+ B2,5 lt. / A1 Kg + B0,5lt

METALS PERFORMANCES INDICATIONS

IRON: FLOOR good high transit WALL good

COPPER: FLOOR moderate low transit WALL good

BRONZE: FLOOR good medium/high transit WALL good

BRASS: FLOOR good medium/high transit WALL good

ALLUMINIO: FLOOR bad not indicated WALL moderate

VALUES AND APPLICATIVE INFORMATION (AT 23° C AND 50% R.H.)

Pot life: approx. 2-4 h

Yield: ≈ 1 ,05 Kg/sqm 2 coats

Complementary product: Binder METALBOND comp. B

Application temperature: + 5°C /+ 35°C

Time between two coats: from 2 to 12 hours (depending on temperature)

Time before finishing: > 24 hours

Set to light foot traffic: \approx 24 hours

Ready to use: ≈ 4 days

Mixture PH: ≈ 10

WARNING

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www.evocem.com

EVOCOLOR



EVOCOLOR is characterized by a new formulation that makes the coloration of materials **EVOCEM** particularly simple and with a colors rendering of high quality and constant. The **EVOCOLOR** standard line includes a wide selection among the **67** available codes giving a wide possibility of matching color to your projects. Thanks to the color **EVOCEM** Laboratory can still get special colors on customer request by referring to folders **NCS / RAL** or a sample. Another important feature of **EVOCOLOR** is having unified the coloring system of **EVOCEM** materials with a single product for both stratified microcementi, self-leveling and self-compacting.



EVOCOLOR



LEvoCem enjoy surfaces

note





MADE IN ITALY

EvoCem enjoy surfaces

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