



Cemcolori Nederland B.V.
6-11-2025

Technical product information

Translated from dutch to
English by Claude AI



Cemcolori Nederland B.V. supplies its products and services in accordance with the description set out in these technical specifications. The information below has been compiled to the best of our knowledge and using the latest technical information. Therefore, if the application instructions and material guidelines intended for this product are carefully followed, no damage will occur. However, the use of our products takes place beyond our control, is at your own responsibility and does not release you from the obligation to test the products we supply for their suitability for the intended treatment and purpose. Our instructions for use are therefore not binding and – also because of possible industrial property rights of third parties – cannot be used to hold us jointly and severally liable. The relevant recommendations, guidelines and standards, as well as recognised technical practice, must be followed. When this product information is reissued, previous versions lose their validity.

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CEMCOLORI

Waterproof concrete stucco for floor and wall

www.cemcolori.com

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Changes to Technical Product Information

The table below shows the (main) changes compared with previous versions. In addition, minor changes to layout and wording have been made to improve the readability of this product information.

Page	Section	Change
	AB-PU Finish extra mat(t)	Product name changed to PU Finish extra mat(t)
3	Epoxy Primer component A and B	New packaging and CMR-free
20-21	LavaPox / LavaPox25	Name changed to LavaPox Basis Naturel, LavaPox 50 and LavaPox 195
7	Ardex	New product ARDEX S 7 PLUS W
13	Anhydrite substrate	Ardex added
13	Uzin	New Uzin names listed
13	Ardex	New Ardex names listed
20	LavaPox	LavaPox is now CMR-free
20-21	LavaPox / LavaPox25	Name changed to LavaPox Basis Naturel, LavaPox 50 and LavaPox 195
21	Mixing table LavaPox	Adjusted mixing ratio
29	Mixing table PU Finish extra mat(t)	Mixing table added
32	Mixing table PU Supercoat	Mixing table added

Product	Product image	Description	Packaging	Shelf life	Application
Cemcolori Acryl Primer		White (milky) primer for absorbent substrates	1 kg jerrycan or 10 kg jerrycan	3 years	Floor Wall Furniture
Cemcolori Gelprimer		White-greenish primer for absorbent substrates, drips less easily than Acryl Primer	5 kg bucket	3 years	Floor Wall Furniture
Cemcolori Epoxy Primer 2 components		Transparent epoxy-based primer for non-absorbent substrates (always broadcast with quartz sand)	A: 6.67 kg bucket B: 3.33 kg bucket	1 year	Floor Wall Furniture
Cemcolori Quartz sand		Cream-coloured dried sand, 0.1-0.3 mm grain size. For broadcasting onto Epoxy Primer	25 kg bag	-	Floor
Cemcolori Basis Deco		Fine, neutral white cement powder	3.75 kg bucket or 15 kg bucket	3 years	Floor Wall Furniture
Cemcolori Basis Deco Rough		Coarse, cream-coloured cement powder with multiple grain sizes	15 kg bucket	3 years	Floor
Cemcolori Resin Deco		White (milky) binder	1.3 kg jerrycan or 5.35 kg jerrycan	3 years	Floor Wall Furniture
Cemcolori Pigment		Liquid coloured pigment	0.32 kg bucket or 1.25 kg bucket	3 years	Floor Wall Furniture
Cemcolori Lakprimer		White (milky) primer, suitable as 1st lacquer coat for Basis Deco and Basis Deco Rough and as top coat for Art Collection	5 kg bucket	1 year	Floor Wall Furniture

Product	Product image	Description	Packaging	Shelf life	Application
Cemcolori PU Finish extra mat(t) 2 components		Lacquer with an extra matt finish	1 kg set: 0.84 kg A 0.16 kg B 5.5 kg set: 4.64 kg A 0.86 kg B	A: 15 months B: 9 months	Floor Wall Furniture
Cemcolori PU Supercoat 2 components		Lacquer with high chemical resistance and an extra matt finish	1.08 kg set: 0.90 kg A 0.18 kg B 3 kg set: 2.50 kg A 0.50 kg B	A: 15 months B: 9 months	Floor Wall Furniture
Cemcolori Retarder		Brown-grey (watery) liquid that doubles the open time of Cemcolori	1 kg jerrycan	2 years	Floor
Cemcolori Anti-slip powder		Very fine white cal-cined powder. For the 2nd lacquer coat to make the floor more slip-resistant	50 gram bucket	-	Floor
Cemcolori Pronto		Single-coat concrete-look finish. Ready-mixed in bucket (colour can be added)	5 kg bucket or 15 kg bucket	1 year	Floor Wall Furniture
Cemcolori Pronto 2 Media		Two-coat concrete-look finish. Ready-mixed in bucket (colour can be added)	4 kg bucket or 16 kg bucket	1 year	Floor Wall Furniture
Cemcolori Pronto Fino		Optional 2nd coat on Pronto for a more even end result. Ready-mixed in bucket (colour can be added)	1 kg bucket or 4 kg bucket	1 year	Floor Wall Furniture
Cemcolori LavaPox		Scratch-resistant floor with lava stone particles. 2 components in combi pack. Lava chips for LavaPox 50 and LavaPox 195	Supplied together: 9 kg component A bucket 1 kg component B bottle	1 year	Floor
Cemcolori LavaPox Pigment		Liquid coloured pigment	0.27 kg	3 years	Floor Wall Furniture
Cemcolori Cleaner		Red cleaning product, slightly alkaline	1 kg jerrycan	3 years	Floor Wall Furniture

Technical Data Sheet

Cemcolori Primers



Cemcolori Acryl Primer

Cemcolori Acryl Primer is suitable for **absorbent substrates** such as cement plaster, lime plaster, cement screeds and wood such as MDF and plywood. The substrate must be dry and permanently dry, free of dust, oil or grease and other separating layers, and also pressure-resistant and dimensionally stable. Mechanical roughening of closed surfaces and surfaces with an existing paint or coating layer is recommended. Remove water-soluble adhesive or levelling layers beforehand.

Consumption of Cemcolori Acryl Primer: approx. 100 grams / m² (undiluted). Prime wooden substrates such as MDF and plywood twice due to their very high absorbency.

Wait until the Cemcolori Acryl Primer is dry before applying the finishing coat. Drying time approx. 0.5-2 hours.

Cemcolori Gelprimer

Cemcolori Gelprimer is a primer comparable to Acryl Primer, but slightly thicker, so it drips less easily.

Cemcolori Gelprimer is suitable for **absorbent substrates** such as cement plaster, lime plaster, cement screeds and wood such as MDF and plywood. The substrate must be dry and permanently dry, free of dust, oil or grease and other separating layers, and also pressure-resistant and dimensionally stable. Mechanical roughening of closed surfaces and surfaces with an existing paint or coating layer is recommended. Remove water-soluble adhesive or levelling layers beforehand.

Consumption of Cemcolori Gelprimer: approx. 100 grams / m² (undiluted). Prime wooden substrates such as MDF and plywood twice due to their very high absorbency.

Wait until the Cemcolori Gelprimer is dry before applying the finishing coat. Drying time approx. 0.5-2 hours.

Cemcolori Epoxy Primer

Cemcolori Epoxy Primer is suitable for **non-absorbent, (very) smooth surfaces or surfaces** that will be subjected to heavy loads, including sandy cement screeds and outdoor furniture. The substrate must be dry and permanently dry, free of dust, oil or grease and other separating layers, and also pressure-resistant and dimensionally stable. Mechanical roughening of closed surfaces and surfaces with an existing paint or coating layer is recommended. Remove water-soluble adhesive or levelling layers beforehand.

Cemcolori Epoxy Primer is a two-component primer (component A+B). **Mixing ratio (A:B) = (2:1). Consumption of Cemcolori Epoxy Primer 125 – 250 grams / m².** After applying the primer, broadcast with quartz sand 0.1 – 0.5 mm. After curing (drying time 12-24 hours), remove the excess sand (sweep or vacuum) and then prime with Cemcolori Acryl Primer or Gelprimer (see above).

Stains from Cemcolori Epoxy Primer can be removed with acetone.

Cemcolori Epoxy Primer is CMR-free.

For more information about Cemcolori Primers, you can request the safety data sheets from Cemcolori.

Technical Data Sheet

Cemcolori Wall



Description Cemcolori

Cemcolori is a precisely formulated cement mortar (Basis Deco) bound with a synthetic resin (Resin Deco). Cemcolori gets its colour by mixing the synthetic resin and cement mortar with a unique liquid pigment.

Thanks to its very good adhesion and (slight) flexibility, Cemcolori can be applied to many substrates. With good preparation and correct application, Cemcolori is suitable for walls in sanitary areas, kitchens, bathrooms and living rooms, as well as for tables, kitchen worktops and other furniture.

Cemcolori is generally applied in 2 coats. The first coat creates the texture; the second coat is scraped over it. This can be done in 1 day. The drying time of the 1st coat is approx. 3 to 4 hours, depending on ambient temperature and humidity. The total layer thickness is approx. 1.5 mm (waterproof from 1 mm).

Substrate preparation

Substrates must be plastered as flat and smooth as possible (ready for painting). This makes the consumption of Cemcolori Wall more economical.

Wall junctions and internal corners in wet rooms must be fitted with sealing tape.

(For example Ardex SK12 and internal corner Ardex SK90.) Corner profiles and plaster stop beads in wet areas must always be stainless steel. Avoid rigid connections. Always fix profiles with Ardex R4.

Always embed the sealing tape in **ARDEX S7 PLUS W**.

For Cemcolori in combination with floors in wet rooms, installing a plaster stop bead is recommended.

Place it 4-5 mm above the level of the finished floor.

Fix the plaster stop with Ardex R4. Then skim the wall with Ardex R1(C), A950, ARDEX S 7 PLUS W.

General skimming advice:

Applications:	Ardex	Decotric
Primer for absorbent substrates:	P52, always diluted with water	Decotric Tiefengrund LF Hydrosol-Acrylat, Decotric primer for plaster and screed
Primer for NON-absorbent substrates	P4 Ready	-
Skimming thin layers:	R1(C) 1 to 10 mm.	Decoplast Flächen- und Fliesenspachtel V30 1 to 100 mm. Thicker layers, longer drying time
Skimming thick layers:	950 2 to 30 mm.	Decoplast Flächen- und Fliesenspachtel V30 1 to 100 mm. Thicker layers, longer drying time
Filling holes, recesses, unevenness, chases and cracks:	A950	Decoplast Flächen- und Fliesenspachtel V30 1 to 100 mm. Thicker layers, longer drying time

At least 16 hours later, apply Cemcolori up to the plaster stop according to instructions.

At least 24 hours after lacquering, seal the joint between the plaster stop and the finished floor.

If a plaster stop cannot be installed: first fit the sealing tape, fix it with ARDEX S7 PLUS W, then apply Ardex R1(C) or A950. **At least 16 hours later**, apply Cemcolori down to the floor, according to instructions. Then install the floor, mill it in by at least 4 mm, then lacquer and **at least 24 hours later**, seal. Avoid rigid connections.

An adhesion test and/or a test area is recommended. Ensure stable and dry (**max. 2% residual moisture**) substrates. If there is too much movement in the walls, the applied Cemcolori may crack.

Therefore take extra care with metal stud walls and wall-hung toilet frames.

Never apply Ardex R1(C) or A950 over ARDEX S7 PLUS W waterproofing.

When using Cemcolori on Wedi boards, always consult the Cemcolori team in advance.

Non-Cemcolori products must be applied strictly according to the supplier's instructions.

Use only products from a single supplier during application.

Suitable substrates:

Gypsum substrate:

Gypsum substrates must be dry, dust-free and free of loose parts. Prime with Cemcolori Acryl Primer as a bonding layer and to reduce the absorbency of the gypsum. Apply the Cemcolori Acryl Primer evenly over the entire surface to be treated. If the coverage is uneven, this may show through in the Cemcolori.

Cement-based substrate

Prime with Cemcolori Acryl Primer or Gelprimer.

Tiles:

Roughen old tiles mechanically, preferably with diamond, make dust-free and wipe with a slightly damp cloth. Old tiles, especially the joints, must be dry before further work begins.

Ardex	Decotric (NL)
Prime with P4 Ready Then apply a layer of R1(C) (1 to 10 mm) Apply a layer at least 4 mm thick.	Apply Decoplast Flächen- und Fliesenspachtel V30. 1 to 100 mm. Thicker layers, longer drying time.

Wooden substrate:

Ardex
Prime with P52, always diluted with water Once dry, apply a scratch coat of R4 to the stable wooden substrate and fill any holes, fully embed mesh in the surface and finish flat. R4 is hard and completely dry after approx. 1 hour so that work can continue. R4 is a cement-based product.

Actual consumption depends on the roughness/unevenness of the substrate.
It is important that the filler is applied flat. Then prime with Cemcolori Acryl Primer or Gelprimer

Application on furniture

The same application instructions as for Cemcolori Wall apply to furniture. Suitable substrates can be prepared according to the instructions described above. A few points of attention:

- Always prime untreated wood (water-resistant plywood or MDF) twice with Acryl Primer.
- If the piece has no seams, Cemcolori can be applied directly. Otherwise, stabilise the furniture (see description of wooden substrate above); the structure must be sufficiently supportive. Apply mesh over the seams if necessary.
- For outdoor tables, first coat all the wood with Epoxy Primer and broadcast quartz sand on the areas to be plastered. The next day, first apply Cemcolori Acryl Primer; once dry, you can start with Cemcolori.

Application in wet rooms Belgium & Germany

In Belgium and Germany, Cemcolori on walls and floors in the shower area must be applied to a waterproof substrate (according to DIN 18534). A waterproof seal must be created consisting of a membrane (the so-called sealing sheet) or a 2-coat cementitious render. Reinforcement, corner pieces and pipe collars are embedded in the render. A good pressure-resistant render must be applied to the sealing sheet. This levels out unevenness as well as the raised corner pieces, joint tapes and pipe collars. Substrates must be dry and permanently dry before work begins. The supplier's instructions must be followed closely. See also the finishing details for floor, wall and drain connections.

With sealing sheet:

Ardex
n/a

With 2-coat cementitious render:

Ardex
For wall and floor: Prime wall and floor with P52, always diluted with water (absorbent substrates) or P4 Ready (non-absorbent substrates). Then apply 2 coats of ARDEX S 7 PLUS W.

Non-Cemcolori products must be applied strictly according to the supplier's instructions.
Use only products from a single supplier during application.

Consumption and shelf life Cemcolori

A large Cemcolori set consists of 15 kg Basis Deco, 5.35 kg Resin Deco and 1.25 kg pigment. These quantities are supplied in proportion and are sufficient for approx. 20 m² on a smooth substrate. A small set is sufficient for approx. 5 m² and consists of 3.75 kg Basis Deco, 1.3 kg Resin Deco and 0.32 kg pigment.

However, it is not advisable to mix the entire set at once. **The working time after mixing the 3 components is approx. 30 to 40 minutes, depending on humidity and ambient temperature.** It is therefore advisable to mix Cemcolori per wall to be treated; see the mixing table for quantities and coat ratio. Always mix the pigment with the Resin Deco first and stir well, then add the Basis Deco and mix everything thoroughly. Always weigh the different components on a scale. An incorrect mixing ratio can cause colour differences, insufficient adhesion or reduced strength of the layer. **Mix the components at low speed using a basket mixer** to a lump-free, homogeneous mass (first mix gently, then scrape the edges so that everything is well mixed, and then mix for 2 minutes at high speed). Clean tools immediately with hot water and wear gloves because of the alkaline nature of Cemcolori.

When using several sets in one colour, combine all the required pigment beforehand and mix well. This prevents colour differences. We advise finishing walls of the same colour on the same day.

Never make the floor and wall the same colour, because the wall is compacted better than the floor, which causes a colour difference.

Only apply Cemcolori at an ambient and substrate temperature of 14 to 25 degrees Celsius. Make sure Cemcolori is not exposed to wind and sun during application. Especially in the summer months, make sure the sun does not shine on the wall(s) still to be treated (or already treated).

Lacquering

You can choose from a 1-component Lakprimer and 2 types of 2-component PU lacquer.

The Lakprimer can be regarded as the 1st lacquer coat. All 2-component PU lacquers can be applied in an anti-slip version.

See Technical Data Sheet PU Finish extra mat(t) / PU Supercoat; pages 25-29.

- Cemcolori PU Finish extra mat(t) 2 components (see also Technical Data Sheet PU Finish extra mat(t) 2 comp)
- Cemcolori PU Supercoat (see also Technical Data Sheet PU Supercoat 2 comp). Cemcolori PU Supercoat is extremely suitable for surfaces exposed to heavy chemical loads and withstands intensive exposure to water well. Think, for example, of horizontal surfaces and shower floors.

Consumption:

Normal wall: 2 coats, approx. 60 - 75 g/m² per coat.

Wall in wet rooms (such as shower enclosure): 3 coats, approx. 60 - 75 g/m² per coat.

Floors and other horizontal surfaces in the bathroom must always be lacquered with PU Supercoat (preferably 3 times).

Maintenance

For Cemcolori maintenance, see the Maintenance advice on page 31.

Recommendations

Follow the ratios and instructions for use when applying Cemcolori products. Cemcolori has high adhesive strength and is slightly flexible, allowing it to absorb some movement of the substrate.

Cracks can nevertheless occur at fracture lines and in case of excessive movement, so check the substrate carefully before application. Cemcolori is not responsible for application by and results of third parties. Colours on colour samples, the website and brochures are indicative. The applied colour may vary due to ambient temperature and humidity.

Safety

Wear protective clothing when using the products, as the product is alkaline and can irritate the skin and respiratory tract. There is a risk of serious eye damage if the product comes into contact with the eyes. In case of contact with the eyes, rinse immediately and thoroughly with water and consult a doctor. If the product is inhaled or swallowed, consult a doctor immediately, show the label and refer to the safety data sheets. Keep the product out of the reach of children.

Non-Cemcolori products must be applied strictly according to the supplier's instructions.

Use only products from a single supplier during application.

Mixing table Cemcolori Wall per m²

All quantities are in grams.

The advice below is based on

2/3 consumption for the first coat and 1/3 consumption for the second coat.

Sanding advice: grit 180 or 220.

m ²		Pigment	Resin Deco		Basis Deco
1	Coat 1	42	179	First mix the Resin Deco and the pigment thoroughly, only then add the Basis Deco. IMPORTANT: Use a basket mixer Start mixing gently, scrape the edges of the bucket so that everything is well mixed. Then mix for 2 minutes at high speed	500
	Coat 2	21	89		250
	Total	63	268		750
2	Coat 1	84	356		1,000
	Coat 2	41	179		500
	Total	125	535		1,500
3	Coat 1	125	536		1,500
	Coat 2	62	267		750
	Total	187	803		2,250
4	Coat 1	167	714		2,000
	Coat 2	83	356		1,000
	Total	250	1,070		3,000
5	Coat 1	209	892		2,500
	Coat 2	104	446		1,250
	Total	313	1,338		3,750
6	Coat 1	250	1,070		3,000
	Coat 2	125	535		1,500
	Total	375	1,605		4,500
7	Coat 1	292	1,249		3,500
	Coat 2	146	624		1,750
	Total	438	1,873		5,250
8	Coat 1	334	1,427		4,000
	Coat 2	166	713		2,000
	Total	500	2,140		6,000
9	Coat 1	376	1,606		4,500
	Coat 2	187	802		2,250
	Total	563	2,408		6,750
10	Coat 1	417	1,783		5,000
	Coat 2	208	892		2,500
	Total	625	2,675		7,500

Mixing table Cemcolori Wall per m²

All quantities are in grams.

The advice below is based on

2/3 consumption for the first coat and 1/3 consumption for the second coat.

Sanding advice: grit 180 or 220.



m ²		Pigment	Resin Deco		Basis Deco
11	Coat 1	459	1,962	First mix the Resin Deco and the pigment thoroughly, only then add the Basis Deco. IMPORTANT: Use a basket mixer Start mixing gently, scrape the edges of the bucket so that everything is well mixed. Then mix for 2 minutes at high speed	5,500
	Coat 2	229	981		2,750
	Total	688	2,943		8,250
12	Coat 1	500	2,140		6,000
	Coat 2	250	1,070		3,000
	Total	750	3,210		9,000
13	Coat 1	542	2,319		6,500
	Coat 2	271	1,159		3,250
	Total	813	3,478		9,750
14	Coat 1	584	2,497		7,000
	Coat 2	291	1,248		3,500
	Total	875	3,745		10,500
15	Coat 1	626	2,676		7,500
	Coat 2	312	1,337		3,750
	Total	938	4,013		11,250
16	Coat 1	667	2,854		8,000
	Coat 2	333	1,426		4,000
	Total	1,000	4,280		12,000
17	Coat 1	708	3,032		8,500
	Coat 2	355	1,516		4,250
	Total	1,063	4,548		12,750
18	Coat 1	750	3,210		9,000
	Coat 2	375	1,605		4,500
	Total	1,125	4,815		13,500
19	Coat 1	792	3,389		9,500
	Coat 2	396	1,694		4,750
	Total	1,188	5,083		14,250
20	Coat 1	834	3,567		10,000
	Coat 2	416	1,783		5,000
	Total	1,250	5,350		15,000



Description Cemcolori

Cemcolori is a precisely formulated cement mortar (Basis Deco) bound with a synthetic resin (Resin Deco). Cemcolori gets its colour by mixing the synthetic resin and cement mortar with a unique liquid pigment.

Thanks to its very good adhesion and (slight) flexibility, Cemcolori can be applied to many substrates. With good preparation and correct application, Cemcolori is suitable for floors in offices, showrooms, sanitary areas, kitchens, living rooms, etc.

The Cemcolori floor is applied in several coats. The drying time of the different coats depends on ambient temperature and humidity. The Cemcolori floor is applied over two consecutive days.

The Cemcolori floor is **applied with a trowel in two coats with a thickness of approx. 2 mm** (waterproof from 1 mm). The first coat creates the texture; the second coat is scraped over it.

Substrate preparation

Dynamic cracks caused by, for example, vibrations or instability may reappear. If necessary, cut in junctions between different surfaces or substrates and seal them after finishing for a straight joint. Reinforce larger existing cracks beforehand with mesh, or fill them with Epoxy Primer mixed with quartz sand. Then prime the entire floor with Epoxy Primer and broadcast with quartz sand.

An adhesion test and/or a test area is recommended. The substrate must be pressure-resistant and dimensionally stable, permanently dry, clean and free of cracks and substances that may impair adhesion. First repair loose parts in the subfloor with, for example, an epoxy mortar.

Substrates must be as flat and smooth as possible for a clean end result of the floor. Floor/wall junctions and internal corners in bathrooms must be fitted with sealing tapes. (For example Ardex SK12 and internal corner Ardex SK90; see Technical Data Sheet Wall.)

Avoid rigid connections; always seal floor/wall junctions. Because the Cemcolori floor still has to be coarse-sanded and polished after application, we advise against installing it in rooms with heavy water exposure (swimming pools, steam rooms). Coarse sanding can make Cemcolori slightly porous in places; this is resolved by the lacquer coat, but these coats are subject to wear.

More information on joints and sealing can be found on page 32.

Non-Cemcolori products must be applied strictly according to the supplier's instructions.
Use only products from a single supplier during application.

Suitable substrates:

Sand-cement substrate:

Level, for sandy and non-smooth substrates:

Ardex	Uzin
First prime the floor with P52 primer (absorbent substrates), diluted 1:0.5 to 1:5 with water depending on the substrate (see bucket) Then level with ARDEX CL 200 or ARDEX K 36 Nieuw, fast-drying self-levelling floor compound	First prime the floor with PE 360 and then level with NC 570, NC 580 (faster drying) or NC 585 F Fusiontec (faster drying, fibre-reinforced)

After levelling, sand, make dust-free and prime the levelling compound with Cemcolori Acryl Primer.

When levelling existing floors with edge insulation, always use Ardex TP50 so that the levelling mortar does not come into contact with the wall and the compound does not run into the gap between wall and floor.

Another option is to prime with Cemcolori Epoxy Primer and broadcast with quartz sand 0.1-0.5 mm.

Using Epoxy Primer with sand gives a slightly coarser end result (similar to Cemcolori Rough).

The next day, remove the excess sand and prime with Acryl Primer or Gelprimer.

The moisture content must not exceed 0.5%.

This complete build-up is stronger and is used mainly in commercial premises.

Tiles:

Roughen old tiles mechanically, preferably with diamond, make dust-free and wipe with a slightly damp cloth. Old tiles, especially the joints, must be dry before application can begin. Check the old tiles for stability and load-bearing capacity.

The minimum layer thickness is: the depth of the joint PLUS 3 mm.

Ardex	Uzin
Prime with: EP2000 diluted with water (see packaging for instructions) broadcast with quartz sand. Then level with ARDEX CL 200 or ARDEX K 36 Nieuw, fast-drying self-levelling floor compound. If in doubt or if you have questions, contact Ardex.	Prime with PE 280 and then level with NC 570, NC 580 (faster drying) or NC 585 F Fusiontec (faster drying, fibre-reinforced)

After levelling: sand, make dust-free and prime the levelling compound with Cemcolori Epoxy Primer or Cemcolori Acryl Primer

Concrete substrate:

Diamond-grind or shot-blast the subfloor. Then make dust-free and prime the subfloor with Cemcolori Epoxy Primer. Broadcast with quartz sand 0.1-0.5 mm. The next day, remove the excess sand and then prime with Cemcolori Acryl Primer. **The moisture content must not exceed 3% according to the CM method.**

Anhydrite substrate:

Anhydrite must be dry (max. 0.5% residual moisture according to the CM method) and well sanded so that the calcium carbonate skin has been removed.

The floor must be clean, dry and dust-free.

Always level first; epoxy primer alone is not sufficient!

Ardex	Uzin
First prime the floor with P52 primer (absorbent substrates), diluted 1:0.5 to 1:5 with water depending on the substrate (see bucket) Then level with Ardex CL 200 (gypsum-based levelling compound)	Prime with Uzin PE 360 and then level with Uzin NC 112 (absorbent substrates).

After levelling and drying: sand, make dust-free and prime the levelling compound with Cemcolori Epoxy Primer, Acryl Primer or Gelprimer. **The moisture content must not exceed 1%.**

If the floor is to be laid to a fall:

Prepare the existing substrate according to the instructions above. Check that everything is stable and then treat the old subfloor with Ardex P52, always diluted with water (absorbent substrates), or Ardex P4 Ready (non-absorbent substrates). After approx. one hour the primer is dry and the floor can be levelled to a fall with Ardex A950, from 2 mm up to a maximum of 30 mm. Then apply Cemcolori Acryl Primer and install Cemcolori according to instructions.

Application in wet rooms Belgium and Germany

In Belgium and Germany, floors in a shower area must be provided with a waterproof seal, according to DIN 18534

(If necessary, the floor must first be laid to a fall; see "If the floor is to be laid to a fall".)

See information on application in wet rooms Belgium & Germany under Wall (page 8)

Retarder

When applying Cemcolori floors, Cemcolori retarder can be added. Adding Cemcolori retarder extends the open time from 30 to 40 minutes to 1 to 1.5 hours.

For application with retarder, see the Floor mixing table. Contact the Cemcolori team for more information.

Using the retarder extends the drying time, which increases the risk of pinholes and crazing in case of differences in thickness or temperature and draughts, as described above.

Non-Cemcolori products must be applied strictly according to the supplier's instructions.

Use only products from a single supplier during application.

Consumption and shelf life Cemcolori

A large Cemcolori set consists of 15 kg Basis Deco, 5.35 litres Resin Deco and 1.25 kg pigment. These quantities are supplied in proportion and are sufficient for approx. 15 m² on a smooth substrate. A small set is sufficient for approx. 4 m² and consists of 3.75 kg Basis Deco, 1.3 kg Resin Deco and 0.32 kg pigment.

However, it is not advisable to mix the entire set at once. **The working time after mixing the 3 components is approx. 30 to 40 minutes**, depending on humidity and ambient temperature. It is therefore advisable to mix, for example, 7 m² at a time; see the mixing table for quantities and coat ratio. **When using several sets in one colour, combine all the required pigment beforehand and mix well. This prevents colour differences. Always mix the pigment with the Resin Deco first and stir well, then add the Basis Deco and mix everything thoroughly. We advise finishing floors of the same colour on the same day.**

Never make the floor and wall the same colour, because the wall is compacted better than the floor, which causes a colour difference.

Avoid direct sunlight and draughts on surfaces being (or to be) treated. This can lead to temperature differences and accelerated drying in certain places. Accelerated drying of Cemcolori can lead to pinholes or crazing (temperature differences can also be caused by (in)direct sunlight (through windows)).

Mix the required number of kilos (use our mixing tables for this), or work in small fixed quantities, depending on the conditions and how complex the room is. Always weigh the different components on a scale. An incorrect mixing ratio can cause colour differences, insufficient adhesion or reduced strength of the layer.

Mix the components at low speed using a basket mixer to a lump-free, homogeneous mass (first mix gently, then scrape the edges so that everything is well mixed, and then mix for 2 minutes at high speed). Clean tools immediately with hot water and wear gloves because of the alkaline nature of Cemcolori. **The Cemcolori floor must be applied in 2 coats with a total of approx. 1.5 kg of material. It is recommended to apply these two coats on consecutive days. Only apply Cemcolori between 14 and 25 degrees Celsius. Make sure Cemcolori is not exposed to wind and sun during application.** Especially in the summer months, make sure the sun does not shine on the surfaces still to be treated (or already treated). With high humidity (above 65%), white spots may appear and Cemcolori takes longer to cure.

Lacquering

You can choose from a 1-component Lakprimer and 2 types of 2-component PU lacquer.

The Lakprimer can be regarded as the 1st lacquer coat. All 2-component PU lacquers can be applied in an anti-slip version.

See Technical Data Sheet PU Finish extra mat(t) / PU Supercoat; pages 25-29.

- Cemcolori PU Finish extra mat(t) 2 components (see also Technical Data Sheet PU Finish extra mat(t) 2 comp)
- Cemcolori PU Supercoat (see also Technical Data Sheet PU Supercoat 2 comp). Cemcolori PU Supercoat is extremely suitable for surfaces exposed to heavy chemical loads and withstands intensive exposure to water well. Think, for example, of horizontal surfaces and shower floors.

Consumption

Floors: 3 coats of lacquer, approx. 60 - 75 g/m² per coat.

Floors and other horizontal surfaces in the bathroom must always be lacquered with PU Supercoat (preferably 3 times).

Maintenance

For Cemcolori maintenance, see the Maintenance advice on page 31.

Compressive and flexural strength

The compressive strength is greater than 20 N/mm² after 1 day, greater than 25 N/mm² after 7 days and greater than 35 N/mm² after 28 days.

The flexural strength is greater than 3 N/mm² after 1 day, greater than 5 N/mm² after 7 days and greater than 8 N/mm² after 28 days.

Recommendations

Follow the ratios and instructions for use when applying Cemcolori products. Cemcolori has high adhesive strength and is slightly flexible, allowing it to absorb some movement of the substrate.

Cracks can nevertheless occur at fracture lines and in case of excessive movement, so check the substrate carefully before application. Cemcolori is not responsible for application by and results of third parties. Colours on colour samples, the website and brochures are indicative. The applied colour may vary due to ambient temperature and humidity.

Safety

Wear protective clothing when using the products, as the product is alkaline and can irritate the skin and respiratory tract. There is a risk of serious eye damage if the product comes into contact with the eyes. In case of contact with the eyes, rinse immediately and thoroughly with water and consult a doctor. If the product is inhaled or swallowed, consult a doctor immediately and show the label. Keep the product out of the reach of children.

Non-Cemcolori products must be applied strictly according to the supplier's instructions.

Use only products from a single supplier during application.

Mixing table Cemcolori Floor per m²

All quantities are in grams.

The advice below is based on

3/4 consumption for the first coat and 1/4 consumption for the second coat.

Sanding advice: grit 80 or 120.

Use of retarder is optional; the ratios remain the same if no retarder is used.

m ²		Retarder	Pigment	Resin Deco		Basis Deco
1	Coat 1	8	62	268		750
	Coat 2	3	21	89		250
	Total	11	83	357		1000
2	Coat 1	16	125	535		1500
	Coat 2	5	42	178		500
	Total	21	167	713		2000
3	Coat 1	24	187	803		2250
	Coat 2	8	63	267		750
	Total	32	250	1070		3000
4	Coat 1	32	250	1070		3000
	Coat 2	11	83	357		1000
	Total	43	333	1427		4000
5	Coat 1	40	313	1338		3750
	Coat 2	14	104	446		1250
	Total	54	417	1784		5000
6	Coat 1	48	375	1605		4500
	Coat 2	16	125	535		1500
	Total	64	500	2140		6000
7	Coat 1	56	437	1873		5250
	Coat 2	19	146	624		1750
	Total	75	583	2497		7000
8	Coat 1	64	500	2141		6000
	Coat 2	22	166	713		2000
	Total	86	666	2854		8000
9	Coat 1	72	562	2408		6750
	Coat 2	24	188	802		2250
	Total	96	750	3210		9000
10	Coat 1	80	625	2675		7500
	Coat 2	27	208	892		2500
	Total	107	833	3567		10000

First mix the retarder, Resin Deco and pigment thoroughly, only then add the Basis Deco.

IMPORTANT: Use a basket mixer. Start mixing gently, scrape the edges of the bucket so that everything is well mixed. Then mix for 2 minutes at high speed.

Mixing table Cemcolori Floor per m²

All quantities are in grams.

The advice below is based on

3/4 consumption for the first coat and 1/4 consumption for the second coat.

Sanding advice: grit 80 or 120.

Use of retarder is optional; the ratios remain the same if no retarder is used.



m ²		Retarder	Pigment	Resin Deco		Basis Deco
11	Coat 1	88	687	2943	First mix the retarder, Resin Deco and pigment thoroughly, only then add the Basis Deco. IMPORTANT: Use a basket mixer. Start mixing gently, scrape the edges of the bucket so that everything is well mixed. Then mix for 2 minutes at high speed.	8250
	Coat 2	30	229	981		2750
	Total	118	916	3924		11000
12	Coat 1	96	750	3210		9000
	Coat 2	32	250	1070		3000
	Total	128	1000	4280		12000
13	Coat 1	104	812	3478		9750
	Coat 2	35	271	1159		3250
	Total	139	1083	4637		13000
14	Coat 1	112	875	3745		10500
	Coat 2	38	291	1249		3500
	Total	150	1166	4994		14000
15	Coat 1	121	937	4013		11250
	Coat 2	40	313	1338		3750
	Total	161	1250	5351		15000

Technical Data Sheet

Cemcolori Basis Deco Rough



Description

Cemcolori Basis Deco Rough is intended mainly for floors with a coarser and more robust look. Because of the coarser cement, Cemcolori Basis Deco Rough is applied more thickly. Cemcolori Basis Deco Rough is used for the first coat of the Cemcolori Floor. For the second coat, normal Cemcolori Basis Deco is used (see mixing table Floor Cemcolori Rough).

Suitable substrates

see suitable substrates Cemcolori Floor (p. 13)

Application

First mix the pigment and Resin Deco (and retarder, if used) according to the Floor mixing table. Then add Cemcolori Basis Deco Rough. **Consumption: normally according to the Floor mixing table, 1st coat.** After mixing, leave the Cemcolori to stand for **approx. 2 minutes** before applying it to the floor. Compared with normal Basis Deco, it has a longer open time and is much easier to spread.

It is possible to increase the quantity of Basis Deco Rough to 1.5 times the quantity stated in the mixing table. **This makes the Cemcolori stiffer, it dries faster and gets a more even colour.**

Because of the longer drying time, we recommend allowing 1 day of drying time between the first and second coat.

Use normal Cemcolori Basis Deco for the second coat.

Depending on the desired end result, this coat may need to be applied more thickly than usual. Indicative consumption: 1 to 1.5 times the quantity of materials stated in the Floor mixing table under 2nd coat.

Remarks

Because Cemcolori Rough is more porous, it is less waterproof than the standard Cemcolori composition. We therefore advise against using it for the floor in the wet area (shower).

Mixing table Cemcolori Rough Floor per m²

All quantities are in grams.

Sanding advice: grit 80 or 120.

Use of retarder is optional; the ratios remain the same if no retarder is used.

Coat 1: Pigment – Resin Deco – BASIS DECO ROUGH

Coat 2: (retarder) – Pigment – Resin Deco – BASIS DECO



m ²		Retarder	Pigment	Resin Deco		Basis Deco Rough	Basis Deco
1	Coat 1	0	62	268	First mix the retarder, Resin Deco and pigment thoroughly, only then add the Basis Deco (Rough). IMPORTANT: Use a basket mixer. Start mixing gently, scrape the edges of the bucket so that everything is well mixed. Then mix for 2 minutes at high speed.	750 (-1125)	0
	Coat 2	3	21	89		0	250
2	Coat 1	0	125	535		1500 (-2250)	0
	Coat 2	5	42	178		0	500
3	Coat 1	0	187	803		2250 (-3375)	0
	Coat 2	8	63	267		0	750
4	Coat 1	0	250	1070		3000 (-4500)	0
	Coat 2	11	83	357		0	1000
5	Coat 1	0	313	1338		3750 (-5625)	0
	Coat 2	14	104	446		0	1250
6	Coat 1	0	375	1605		4500 (-6750)	0
	Coat 2	16	125	535		0	1500
7	Coat 1	0	437	1873		5250 (-7875)	0
	Coat 2	19	146	624		0	1750
8	Coat 1	0	500	2141		6000 (-9000)	0
	Coat 2	22	166	713		0	2000
9	Coat 1	0	562	2408		6750 (-10125)	0
	Coat 2	24	188	802		0	2250
10	Coat 1	0	625	2675		7500 (-11250)	0
	Coat 2	27	208	892		0	2500
11	Coat 1	0	687	2943		8250 (-12375)	0
	Coat 2	30	229	981		0	2750
12	Coat 1	0	750	3210		9000 (-13500)	0
	Coat 2	32	250	1070		0	3000
13	Coat 1	0	812	3478		9750 (-14625)	0
	Coat 2	35	271	1159		0	3250
14	Coat 1	0	875	3745		10500 (-15750)	0
	Coat 2	38	291	1249		0	3500
15	Coat 1	0	937	4013		11250 (-16875)	0
	Coat 2	40	313	1338		0	3750

Technical Data Sheet

Cemcolori LavaPox Basis Naturel, LavaPox 50, LavaPox 195 and LavaPox Pigment



Description LavaPox

LavaPox is a lava stone product bound with an epoxy resin. LavaPox is CMR-free and available in 3 variants:

- **LavaPox Basis Naturel** is plain and also serves as the base for LavaPox 50 and LavaPox 195
- **LavaPox 50** is LavaPox Basis Naturel with 50 grams of lava chips added. This gives the floor a subtle pattern.
- **LavaPox 195** is LavaPox Basis Naturel with 195 grams of lava chips added. This makes the pattern a little livelier.

LavaPox gets its colour from the addition of LavaPox Pigment.

Thanks to its very good adhesion and (slight) flexibility, LavaPox can be used on many surfaces. With the right preparation and correct application, LavaPox is suitable for floors in offices, showrooms, sanitary areas, kitchens, living rooms, etc.

Substrate preparation

See Cemcolori Floor

Application in wet rooms Belgium and Germany

In Belgium and Germany, floors in a shower area must be provided with a waterproof seal, according to DIN 18534

(If necessary, the floor must first be laid to a fall; see "If the floor is to be laid to a fall".)

See information on application in wet rooms Belgium & Germany under Wall (page 8)

Consumption and shelf life LavaPox

A LavaPox set of 10 kg consists of 9 kg component A and 1 kg component B. 300 grams of Cemcolori pigment is added for colour. For the subtle pattern of LavaPox 50 (formerly LavaPox25), add 50 grams of lava chips to the set and mix well.

For the livelier pattern of LavaPox 195 (formerly LavaPox), add 195 grams of lava chips to the set and mix well.

The lava chips are supplied in bags of 50 or 195 grams.

LavaPox is applied in 2 coats. For both coats: mix component A thoroughly, then add component B and pigment. The working time after mixing is approx. 30 to 40 minutes, depending on humidity and ambient temperature.

The average consumption per m² per coat is:

- Coat 1: 400 g component A, 50 g component B and 15 g pigment.
- Coat 2: 400 g component A, 50 g component B and 15 g pigment. Apply the 2nd coat after a minimum of 8 hours and a maximum of 20 hours. If necessary, sand the 1st coat with diamond or 40-80 grit before applying the 2nd coat.

Avoid direct sunlight and draughts on surfaces being (or to be) treated. This can lead to temperature differences and accelerated drying in certain places.

The drying time of the different coats depends on ambient temperature and humidity. Normally the 2nd coat can be applied after 6-12 hours. However, it must be applied within 24 hours. LavaPox can be lacquered at least 12 hours after applying the 2nd coat. We advise sanding the LavaPox between the 2 coats and before applying the lacquer with a random orbital sander, grit 80-120.

Lacquering and consumption

LavaPox can be finished with PU Finish or PU Supercoat.

Lacquering can be done in two ways:

- 1) With a lacquer roller. Two coats of approx. 50 - 75 g/m² per coat. The drying time between the two coats is approx. 2 - 3 hours.
- 2) With a plastic lacquer trowel. One coat of 100 - 150 g/m².

Compressive strength

The compressive strength is greater than 20 N/mm² after 1 day, greater than 30 N/mm² after 7 days and greater than 40 N/mm² after 28 days.

Recommendations

Follow the ratios and instructions for use when applying Cemcolori products. Cemcolori has high adhesive strength and is slightly flexible, allowing it to absorb some movement of the substrate.

Cracks can nevertheless occur at fracture lines and in case of excessive movement, so check the substrate carefully before application. Cemcolori is not responsible for application by and results of third parties. Colours on colour samples, the website and brochures are indicative. The applied colour may vary due to ambient temperature and humidity.

Safety

Wear protective clothing when using the products, as the product is alkaline and can irritate the skin and respiratory tract. There is a risk of serious eye damage if the product comes into contact with the eyes. In case of contact with the eyes, rinse immediately and thoroughly with water and consult a doctor. If the product is inhaled or swallowed, consult a doctor immediately and show the label. Keep the product out of the reach of children.

Non-Cemcolori products must be applied strictly according to the supplier's instructions. Use only products from a single supplier during application.

Mixing table

Cemcolori LavaPox Basis Naturel, LavaPox 50 and LavaPox 195 per m²

All quantities are in grams.
Sanding advice: grit 80 or 120.



m ²		Comp A	Comp B	Pigment
1	Coat 1	450	50	15
	Coat 2	450	50	15
	Total	900	100	30
2	Coat 1	900	100	30
	Coat 2	900	100	30
	Total	1800	200	60
3	Coat 1	1350	150	45
	Coat 2	1350	150	45
	Total	2700	300	90
4	Coat 1	1800	200	60
	Coat 2	1800	200	60
	Total	3600	400	120
5	Coat 1	2250	250	75
	Coat 2	2250	250	75
	Total	4500	500	150
6	Coat 1	2700	300	90
	Coat 2	2700	300	90
	Total	5400	600	180
7	Coat 1	3150	350	105
	Coat 2	3150	350	105
	Total	6300	700	210
8	Coat 1	3600	400	120
	Coat 2	3600	400	120
	Total	7200	800	240
9	Coat 1	4050	450	135
	Coat 2	4050	450	135
	Total	8100	900	270
10	Coat 1	4500	500	150
	Coat 2	4500	500	150
	Total	9000	1000	300

m ²		Comp A	Comp B	Pigment
11	Coat 1	4950	550	165
	Coat 2	4950	550	165
	Total	9900	1100	330
12	Coat 1	5400	600	180
	Coat 2	5400	600	180
	Total	10800	1200	360
13	Coat 1	5850	650	195
	Coat 2	5850	650	195
	Total	11700	1300	390
14	Coat 1	6300	700	210
	Coat 2	6300	700	210
	Total	12600	1400	420
15	Coat 1	6750	750	225
	Coat 2	6750	750	225
	Total	13500	1500	450
16	Coat 1	7200	800	240
	Coat 2	7200	800	240
	Total	14400	1600	480
17	Coat 1	7650	850	255
	Coat 2	7650	850	255
	Total	15300	1700	510
18	Coat 1	8100	900	270
	Coat 2	8100	900	270
	Total	16200	1800	540
19	Coat 1	8550	950	285
	Coat 2	8550	950	285
	Total	17100	1900	570
20	Coat 1	9000	1000	300
	Coat 2	9000	1000	300
	Total	18000	2000	600

Technical Data Sheet

Cemcolori Pronto



Description

Cemcolori Pronto is a single-coat concrete-look finish. Thanks to its unique formula, Cemcolori Pronto is a pleasant product to work with. Cemcolori Pronto gives a more even colour with a slightly rougher look. The product comes ready-mixed in the bucket and is ready for use after mixing with pigment. Pigment can optionally be mixed into the Cemcolori Pronto by the supplier.

Suitable substrates

see suitable substrates Cemcolori Floor or Wall (pp. 7 and 13)

Application

First add the pigment to the Cemcolori Pronto (this may already have been done by the supplier) in a ratio of 50 grams of pigment per 1 kg of Cemcolori Pronto. Then mix well so that the mixture becomes smoother and is thoroughly blended.

Optionally add 1 to 2% water for a more even end result.

Mix for at least 2 minutes at high speed.

Cemcolori Pronto can then be applied in one coat. Instead of adding water, the trowel can also be moistened with a plant sprayer, so that the Cemcolori Pronto is compacted more. Sanding more coarsely and for longer gives the product a more open texture. If the mixture becomes stiffer during application, you can briefly remix it.

During application, humidity must not exceed 65%. The ambient and substrate temperature must be at least 18 degrees Celsius. Avoid draughts; ventilation is allowed.

Consumption

The consumption of Cemcolori Pronto on walls is approx. 1000 to 1250 grams per m²

The consumption of Cemcolori Pronto on floors is approx. 1250 grams per m²

Packaging units

5 kg or 15 kg bucket of Cemcolori Pronto.

Remarks

Cemcolori Pronto, Pronto 2 Media and Pronto Fino are made waterproof by the lacquer. Cemcolori Pronto, Pronto 2 Media and Pronto Fino can be used on shower walls without any problem. However, the product is not suitable for a floor in the wet area (shower) or for furniture exposed to the elements outdoors. Pronto can be finished with PU Finish or PU Supercoat.

Take care when lacquering dark Pronto floors. If a brush strip is left too long, it may remain visible.

Technical Data Sheet

Cemcolori Pronto 2 Media



Description

Cemcolori Pronto 2 Media is a two-coat concrete-look finish that allows more pattern than Pronto. Depending on the desired look, both a calm and a livelier texture can be achieved. The product comes ready-mixed in the bucket and is ready for use after mixing with pigment. Pigment can optionally be mixed into the Cemcolori Pronto by the supplier.

Cemcolori Pronto 2 Media is applied in two coats. There are two options:

- Option 1: Two coats of Pronto 2 Media on top of each other. This gives a slightly coarser and livelier end result than the second option.
- Option 2: One coat of Pronto 2 Media with a coat of Pronto Fino on top. For a sleek result.

Consumption

The consumption of Cemcolori Pronto 2 Media on walls is approx. 600 to 800 grams per m² per coat

The consumption of Cemcolori Pronto 2 Media on floors is approx. 750 to 1000 grams per m² per coat

Packaging units

4 kg or 16 kg bucket of Cemcolori Pronto 2 Media.

Remarks

Cemcolori Pronto, Pronto 2 Media and Pronto Fino are made waterproof by the lacquer. Cemcolori Pronto, Pronto 2 Media and Pronto Fino can be used on shower walls without any problem. However, the product is not suitable for a floor in the wet area (shower) or for furniture exposed to the elements outdoors. Pronto 2 Media can be finished with PU Finish or PU Supercoat.

Take care when lacquering dark Pronto floors. If a brush strip is left too long, it may remain visible.

Technical Data Sheet

Cemcolori Pronto Fino



Description

For a more even/smooth end result, Cemcolori Pronto and Pronto 2 Media can be finished with a coat of Cemcolori Pronto Fino. Cemcolori Pronto Fino also comes ready-mixed in the bucket and is ready for use after mixing with pigment. Pigment can optionally be mixed into the Cemcolori Pronto Fino by the supplier.

Consumption

The consumption of Cemcolori Pronto Fino on walls is approx. 200 to 250 grams per m²

The consumption of Cemcolori Pronto Fino on floors is approx. 250 grams per m²

Packaging units

1 kg or 4 kg bucket of Cemcolori Pronto Fino.

Remarks

Cemcolori Pronto, Pronto 2 Media and Pronto Fino are made waterproof by the lacquer. Cemcolori Pronto, Pronto 2 Media and Pronto Fino can be used on shower walls without any problem. However, the product is not suitable for a floor in the wet area (shower) or for furniture exposed to the elements outdoors. LavaPox can be finished with PU Finish or PU Supercoat.

Take care when lacquering dark Pronto floors. If a brush strip is left too long, it may remain visible.

Underfloor heating advice



Made from mineral products, Cemcolori is only 2-3 mm thick, so the efficiency of the underfloor heating is not adversely affected.

Protocol for applying Cemcolori

Heating-up protocol for (new) cement-based screeds prior to work.

Assuming that the floors have been laid in accordance with the applicable requirements, we make the following recommendation.

Please note: this procedure must be completed before the Cemcolori concrete stucco floor is installed!

The underfloor heating may be switched on no earlier than 28 days after the screed has been laid.

Heat up according to the procedure below:

Heat the underfloor heating up to 20°C. Then increase the temperature of the underfloor heating in steps of 5°C per day up to the maximum temperature of the underfloor heating.

This temperature must be maintained for at least two days. Then reduce the underfloor heating to approx. 15°C and maintain this for another two days. After that, the underfloor heating may be returned to a normal ambient temperature.

Cemcolori accepts no liability whatsoever for any damage that may result from this recommendation.

Switch off underfloor heating (24 hours before starting work)

After completing the above heating-up protocol, the underfloor heating must be switched off at least 24 hours before applying Cemcolori. The underfloor heating must also be off during lacquering. Ensure the correct ambient temperature by other means.

Protocol after applying Cemcolori

Once the (lacquer) work has been completed and has dried, the underfloor heating may be switched on and the floor is ready

Please note: do NOT use the above heating-up schedule.

Cemcolori has prepared this recommendation with the greatest possible care. Nevertheless, the possibility of damage cannot be excluded. Anyone who uses this recommendation does so at their own risk.

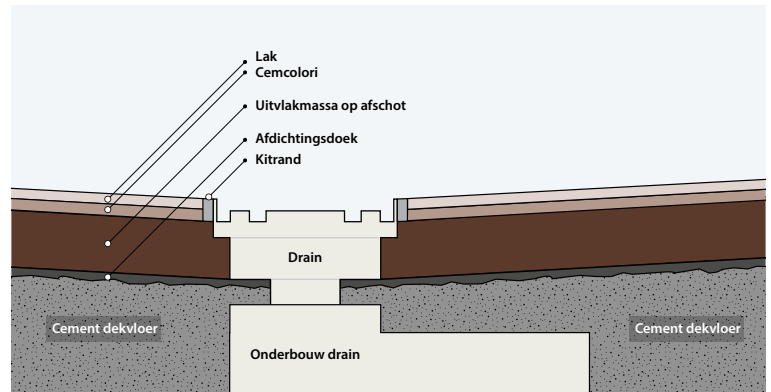
Technical Data Sheet Cemcolori in combination with drains



The starting point of this technical advice is an existing drain installed in an existing cement screed, with the drain profile higher than the substrate. Make sure the floor slopes towards the drain. The technical application guidelines described in our technical product information apply to the application of Cemcolori.

1. Grind the concrete floor around the drain.
2. Then apply Cemcolori primer.
3. Mask around the drain so that it remains free during the next step.
4. Apply Cemcolori concrete stucco and Cemcolori lacquer.
5. Remove the tape. Seal the open joint around the drain with a flexible sealant. We recommend a sanitary sealant. When applying the sealant, follow the supplier's instructions for degreasing, priming, sealing and smoothing.

The image above is a sketch of the build-up of the end result.



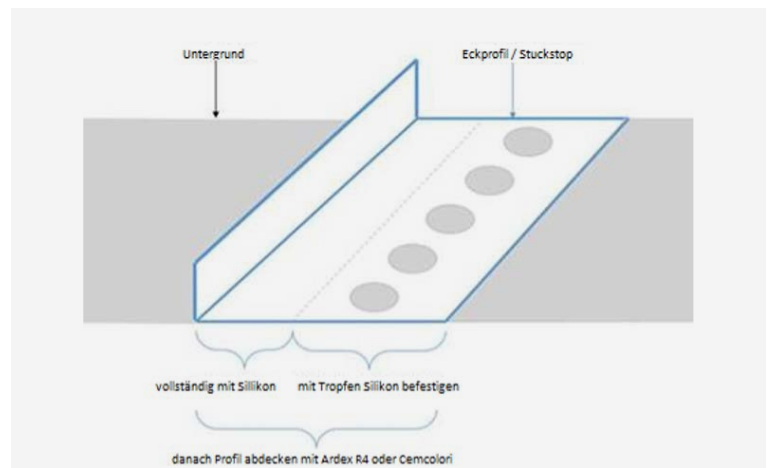
When the existing floor or substrate is level with or higher than the drain:

This occurs, for example, in renovation; in this situation, Cemcolori is applied over the existing substrate (if suitable). Because the layers to be applied add extra thickness to the floor, an angle profile must be installed first.

Place this angle profile on the edge of the drain. The exact height of the angle profile depends on the thickness of any levelling layer and of the Cemcolori. Follow the supplier's instructions for bonding the angle profile to the substrate.

Then apply the same Cemcolori layer build-up (primer, Cemcolori, lacquer), trowelling it tightly against the profile, then grind and seal. Follow the sealant supplier's instructions for degreasing, priming, sealing and smoothing.

The photo below shows an example of a correctly installed drain with correct sealing.



Technical Data Sheet

Cemcolori Lakprimer



Description Cemcolori Lakprimer

Cemcolori Lakprimer is a special 1-component primer that can be used as the 1st lacquer coat. When applied to Cemcolori, it gives more even absorption. The Lakprimer penetrates less deeply than the lacquer and forms a film on which the other lacquer coats can be applied.

Thanks to its gloss level, Cemcolori Lakprimer is ideally suited for lacquering Cemcolori Art Collection. Lacquering twice gives the wall a deep pattern and brings out the texture beautifully.

Do not apply Lakprimer to Cemcolori LavaPox and Cemcolori Pronto

Applying Lakprimer to levelling compounds:

When applying to levelling compounds, we recommend applying 2 coats of Lakprimer, the 1st coat diluted with 30% water and the 2nd coat undiluted. Then lacquer 2 more times with one of the other lacquers.

Only use Lakprimer on mineral floors such as Cemcolori Basis Deco and Basis Deco Rough.

Do not apply Lakprimer to Cemcolori LavaPox and Cemcolori Pronto.

Use

Before applying Cemcolori Lakprimer, the floor must be clean and dry, and free of dust, grease, oil, wax and cleaning product residues. **Underfloor heating must be off during lacquering.** Shake the Lakprimer container well. Mix lightly and then start priming. **Room, floor and application temperature: 18-25°C.** Relative humidity: 40-75%.

For **the long-lasting protection** of floors, roll out the Lakprimer evenly on the floor with a dry, clean microfibre roller (always work from a paint tray or bucket). Start on the side where the light falls in (i.e. usually the window side) and work away from the light, so that you can assess the surface during application and correct any defects immediately. Spread the coating with the roller in strips of max. 1 metre wide across the incident light (i.e. parallel to the window) and then roll it out evenly in the direction of the incident light. Avoid puddles.

After sufficient drying time (approx. 1-2 hours, but on the same day), the 2nd lacquer coat (PU Finish extra mat or Supercoat) can be applied. For floors (in general) and walls in wet rooms (such as showers), apply a 3rd coat approx. 2 hours later. If drying between the first and second coat exceeds 12 hours, the floor/wall must be lightly sanded in between.

After the last lacquer coat has dried (at least 12 hours), the floor can be walked on carefully. The coating reaches its final resistance after approx. 7 days at room temperature.

Note:

Ensure sufficient ventilation during application and drying. Caution: avoid draughts and strong sunlight and protect the surfaces from dust. Switch off underfloor heating well in advance. Pre-coat corners and hard-to-reach areas that cannot be fully treated with the roller using a flat brush, then immediately roll over them as far as possible to prevent lap marks.

Consumption:

approx. 50-80 grams per m²

Please note:

Natural colour changes are possible and do not indicate quality defects.

Technical Data Sheet

Cemcolori PU Finish extra mat(t)

(2 components)



Description Cemcolori PU Finish extra mat(t)

Cemcolori PU Finish extra mat(t) is a special 2-component PU coating for long-lasting protection of the Cemcolori floor. It is a very strong coating with excellent elasticity, adhesion and high chemical resistance, e.g. to common alcohol-based disinfectants. Flows out well and is safe to use during application. Cemcolori PU Finish extra mat(t) (2 comp) has a high solids content and is slip-resistant. Thanks to its composition, dirt adhesion is much lower and it is easy to maintain.

Use

Before applying Cemcolori PU Finish extra mat(t) (2 comp), the floor must be clean and dry, and free of dust, grease, oil, wax and cleaning product residues. **Underfloor heating must be off during the 24 hours before and during lacquering.** Shake the coating and hardener containers well.

Always add the hardener to the coating while mixing mechanically and mix both components at low speed. When mixing partial quantities, **always mix coating (component A) and hardener (component B) in the ratio stated on the packaging**, adding the hardener to the coating while mixing. Then add 5% water. Mix the whole for approx. 3 minutes, leave to mature for 10 minutes after mixing, stir again and then start lacquering. **Room, floor and application temperature: 18-25°C.** Relative humidity: 45-75%. If humidity exceeds 75%, contact your representative.

For the **long-lasting protection** of floors, roll out the coating mixture evenly on the floor with a dry, clean microfibre roller (always work from a paint tray or bucket). Start on the side where the light falls in (i.e. usually the window side) and work away from the light, so that you can assess the surface during application and correct any defects immediately. Spread the coating with the roller in strips of max. 1 metre wide across the incident light (i.e. parallel to the window) and then roll it out evenly in the direction of the incident light. Avoid puddles. The lacquer turns white (streaky), but this disappears by itself.

After sufficient drying time (approx. 1.5-2.5 hours, but on the same day), apply the coating mixture a second time. For walls in wet rooms (such as showers), apply a 3rd coat approx. 2.5 hours later. (If in doubt, a sanding test can be used to check whether a coat is dry. Carry out the sanding test with 120 grit in a poorly ventilated corner. **A dry coat will produce white powder; with a coat that is still wet, the sandpaper will clog.**) **If drying between the first and second coat exceeds 12 hours, the floor/wall must be lightly sanded in between.**

After the last coat has dried (at least 12 hours), the floor can be walked on carefully. The coating reaches its final resistance after approx. 7 days at room temperature.

Note:

At the prescribed application temperature, the mixture of Cemcolori PU Finish extra mat(t) (2 comp) and hardener **has an "open" time of approx. 1 hour.** Only mix as much coating as you can apply within this time. Higher coating and hardener temperatures shorten the pot life considerably; with cold components, the mixing cannot be carried out thoroughly enough. Do not seal the container of mixed coating airtight, as the reaction between coating and hardener produces gases.

Ensure sufficient ventilation during application and drying. Caution: avoid draughts and strong sunlight and protect the surfaces from dust. Switch off underfloor heating at least 24 hours in advance. Pre-coat corners and hard-to-reach areas that cannot be fully treated with the roller using a flat brush, then immediately roll over them as far as possible to prevent lap marks.

Do not lay rugs on the floor during the first 10-14 days. Place furniture carefully.

Consumption:

Approx. 60 - 75 g/m² per coat, see table on the back of component A.

Normal wall: 2 coats.

Wall in wet rooms (such as shower enclosure): 3 coats.

Floors: 3 coats.

Please note:

Coloured products (e.g. hair dyes, coloured wound disinfectants) and plasticisers (e.g. from rubber) cause irreversible discolouration of the coating. If resistance to disinfectants is required in a specific project, we recommend appropriate preliminary testing with the products used in that project.

Cemcolori PU Finish extra mat(t) (2 comp) can be damaged by mechanical impact over time. This leads to scratches and, in many cases, accelerated wear. Wear makes partial or complete repair of the coating necessary.

Natural colour changes are possible and do not indicate quality defects.

Anti-slip

To make your floor slip-resistant, anti-slip powder can be added. Add the anti-slip powder to the 2nd coat of lacquer according to the instructions below, then apply one more coat of lacquer. Consumption approx. 5 grams of powder per m². Add this powder to PU Finish extra mat(t) component A and mix well. Then add PU Finish extra mat(t) component B and mix well again.

Drying time table

0 – 24 hours:	00% – 45% dried	feels dry / damages very easily.
24 – 48 hours:	46% – 60% dried	coating can bear limited loads, normal foot traffic.
48 – 96 hours:	61% – 95% dried	coating can bear mechanical loads.
5 – 7 days:	96% – 100% dried	final durability reached.
Caution! Avoid mechanical scratches from sharp objects.		

Water-resistant after 5 days. In a shower, therefore wait 5 days before using it.

Technical information

pH value (coating):	not tested
Ingredients:	polymers, solvents, additives
Gloss level:	extra matt
Slip resistance	DIN 51130: R9
pH value (hardener):	not tested
Ingredients:	hexamethylene-1,6-diisocyanate oligomer, hydrophiles, aliphatic polyisocyanate, solvents
Shelf life:	Coating: 15 months Hardener: 9 months

The hardener falls under the hazardous substances regulations and is labelled with the hazard symbol GHS07 and the following hazard and precautionary statements: H317 "May cause an allergic skin reaction.", H332 "Harmful if inhaled.", H335 "May cause respiratory irritation.", P261 "Avoid breathing dust/fume/gas/mist/vapours/spray.", P280 "Wear protective clothing.", P302+P352 "IF ON SKIN: Wash with plenty of soap and water.", P333+P313 "If skin irritation or rash occurs: Get medical advice/attention.", P362+P364 "Take off contaminated clothing and wash it before reuse." and EUH204 "Contains isocyanates. May produce an allergic reaction."

Store Cemcolori PU Finish extra mat(t) (2 comp) in its sealed original packaging in a dry place at a temperature between 5°C and 30°C. Keep the packaging in a well-ventilated room. Store closed and out of the reach of children. The hardener must not come into contact with moisture. Close opened packaging immediately after use and use up as soon as possible. Avoid release to the environment. Follow special instructions / refer to the safety data sheet.

Packaging units

1 KG – Set (0.84 KG jerrycan Cemcolori PU Finish extra mat(t) component A, 0.16 KG bottle hardener component B)
5.5 KG – Set (4.64 KG jerrycan Cemcolori PU Finish extra mat(t) component A + 0.86 KG can hardener component B)

The mixing table with consumption per m² can be found on the back of component A.

Mixing table per m²

Cemcolori PU Finish extra mat(t) (2 components)



All quantities are in grams.

Apply 2 coats of PU Finish to a normal wall. A shower wall must be treated 3 times with PU Finish or PU Supercoat. Floors, tables and worktops must always be treated 3 times with PU Finish or Supercoat.

m ²	A	B	A+B	H ₂ O
1	63	12	75	3
2	127	23	150	6
3	190	35	225	9
4	253	47	300	12
5	316	59	375	15
6	380	70	450	18
7	443	82	525	21
8	506	94	600	24
9	569	106	675	27
10	633	117	750	30
11	696	129	825	33
12	759	141	900	36
13	823	152	975	39
14	886	164	1050	42
15	949	176	1125	45
16	1012	188	1200	48
17	1076	199	1275	51
18	1139	211	1350	54
19	1202	223	1425	57
20	1265	235	1500	60
21	1329	246	1575	63
22	1392	258	1650	66
23	1455	270	1725	69
24	1519	281	1800	72
25	1582	293	1875	75
26	1645	305	1950	78
27	1708	317	2025	81
28	1772	328	2100	84
29	1835	340	2175	87
30	1898	352	2250	90
31	1961	364	2325	93
32	2025	375	2400	96
33	2088	387	2475	99
34	2151	399	2550	102
35	2215	410	2625	105
36	2278	422	2700	108
37	2341	434	2775	111
38	2404	446	2850	114
39	2468	457	2925	117
40	2531	469	3000	120

m ²	A	B	A+B	H ₂ O
41	2594	481	3075	123
42	2657	493	3150	126
43	2721	504	3225	129
44	2784	516	3300	132
45	2847	528	3375	135
46	2911	539	3450	138
47	2974	551	3525	141
48	3037	563	3600	144
49	3100	575	3675	147
50	3164	586	3750	150
51	3227	598	3825	153
52	3290	610	3900	156
53	3353	622	3975	159
54	3417	633	4050	162
55	3480	645	4125	165
56	3543	657	4200	168
57	3607	668	4275	171
58	3670	680	4350	174
59	3733	692	4425	177
60	3796	704	4500	180
61	3860	715	4575	183
62	3923	727	4650	186
63	3986	739	4725	189
64	4049	751	4800	192
65	4113	762	4875	195
66	4176	774	4950	198
67	4239	786	5025	201
68	4303	797	5100	204
69	4366	809	5175	207
70	4429	821	5250	210
71	4492	833	5325	213
72	4556	844	5400	216
73	4619	856	5475	219

Technical Data Sheet

Cemcolori PU Supercoat

(2 components)



Description Cemcolori PU Supercoat

Satin-gloss 2-component PU coating with increased resistance to colouring chemicals (e.g. hair dyes, disinfectants) that provides long-lasting protection for Cemcolori floors.

Cemcolori PU Supercoat also increases resistance to plasticisers (e.g. from rubber), as well as to colourless chemicals and disinfectants. It is a strong coating that reduces dirt adhesion and makes maintenance easy. High solids content. For professional applicators only. Please note that this sealer is mildly irritating. Low emission.

Use

For Cemcolori floors, the floor must be lightly sanded, clean, dry, and free of dust, grease and oil. **Underfloor heating must be switched off during lacquering.** Shake the coating and hardener containers well. Add the hardener to the coating and mix both components immediately by shaking thoroughly. When mixing partial quantities, **always mix coating (component A) and hardener (component B) in a 5:1 ratio**, adding the hardener to the coating. **Room, floor and application temperature 18-25°C.** Relative humidity: 40-75%.

After mixing, leave the coating and hardener mixture to stand for 10 minutes, then stir again and immediately roll it out evenly on the floor with a clean, dry microfibre roller (always work from a paint tray or bucket). Start on the side where the light falls in (i.e. usually the window side) and work away from the light, so that you can assess the surface during application and correct any defects immediately. Spread the coating with the roller in strips of max. 1 metre wide across the incident light (i.e. parallel to the window) and then roll it out evenly in the direction of the incident light. Always work wet-on-wet, but avoid puddles.

After sufficient drying time (approx. 2 hours, but within 12 hours), apply the coating mixture a second time; after sufficient drying time, approximately 2 hours later, apply the 3rd coat. If drying between coats exceeds 12 hours, the floor/wall must be lightly sanded in between. Make sure the sanding dust is removed thoroughly.

After the last coat has dried (at least 12 hours), the floor can be walked on carefully. The coating reaches its final resistance after approx. 7 days at room temperature.

Note:

At the prescribed application temperature, the mixture of PU Supercoat and hardener **has a pot life of approx. 1 hour**. Only mix as much coating as you can apply within this time. Higher coating and hardener temperatures shorten the pot life; with cold components, the mixing cannot be carried out thoroughly enough. Do not seal the container of mixed coating airtight, as the reaction between coating and hardener produces gases.

Ensure sufficient ventilation during application and drying. Caution: avoid draughts and strong sunlight and protect the surfaces from dust. Switch off underfloor heating beforehand. Pre-coat corners and hard-to-reach areas that cannot be fully treated with the roller using a flat brush, then immediately roll over them as far as possible to prevent lap marks.

Do not lay rugs on the floor during the first 10-14 days. Place furniture carefully.

Consumption:

Walls: 2 coats of lacquer, approx. 60 - 75 g/m² per coat.

Floors: 3 coats of lacquer, approx. 60 - 75 g/m² per coat.

Please note:

Remove coloured products (hair dyes, coloured wound disinfectants, etc.) from the coating as quickly as possible, but within 30 minutes. Certain stains become fixed as the floor ages and can then be difficult or impossible to remove completely. First blot liquid colour residues with an absorbent cloth. Dissolve the stain by dabbing from the edge towards the centre. Do not rub. Remove dissolved dirt with a dry part of the cloth. Rinse with clean water and then pat dry. Dab stubborn stains immediately and, after a short exposure time, clean with an alkaline cleaner or Cemcolori Degreaser.

If resistance to disinfectants and colouring products is required in a specific project, we recommend appropriate preliminary testing with the products used in that project. If in doubt, we advise you to seek technical advice from us in advance. We also have up-to-date information on tested hair dyes. Resistance to plasticisers may be affected by the composition and age of the rubber compound coming into contact with the coating. PU Supercoat can be damaged by mechanical impact over time. This leads to scratches and, in many cases, accelerated wear. If the coating needs to be repaired, thoroughly degrease the floor before applying the coating mixture and then matt it by sanding, to even out transitions in the floor and ensure optimal adhesion of the coating.

Anti-slip

To make your floor slip-resistant, anti-slip powder can be added. **Add the anti-slip powder to the 2nd coat of lacquer according to the instructions below, then apply one more coat of lacquer.** Consumption approx. 5 grams of powder per m². Add this powder to PU Supercoat component A and mix well. Then add PU Supercoat component B and mix well again. Leave the coating and hardener mixture to stand for 10 minutes and stir again before application, see instructions above. Slip resistance according to DIN 51130: R9/R10.

Drying time table

0 – 2 hours:	00% – 25% dried	feels dry / damages very easily.
2 – 6 hours:	26% – 45% dried	feels dry / still damages easily.
6 – 12 hours:	46% – 60% dried	coating can bear limited loads, normal foot traffic.
12 – 18 hours:	61% – 75% dried	moderate use, do not move objects.
18 – 24 hours:	76% – 96% dried	functional, hard objects may cause scratches.
5 – 7 days:	96% – 100% dried	final durability reached.

Caution! Avoid mechanical scratches from sharp objects.

Water-resistant after 5 days. In a shower, therefore wait 5 days before using it.

Technical information

pH value (coating):	approx. 8.0 (concentrate)
Ingredients:	polymers, solvents, additives
pH value (hardener):	not tested
Ingredients:	hexamethylene-1,6-diisocyanate homopolymer, hexamethylene-1,6-diisocyanate oligomer, isophorone diisocyanate oligomer, aliphatic polyisocyanate, solvents
Gloss level:	Extra matt
Slip resistance:	DIN 51130: R6
GISCODE:	W3/DD+ (product code for surface treatment agents)
Shelf life:	Coating: 15 months Hardener: 9 months
VOC content:	Coating: 0% Hardener: 30% Ready-to-use product (after mixing): 5%

The hardener falls under the hazardous substances regulations and is labelled with the hazard symbol “GHS07” and the following hazard statements: R 20 “Harmful by inhalation”, R 37 “Irritating to respiratory system”, R 43 “May cause sensitisation by skin contact” and R52/53 “Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment”. Do not breathe vapour. Avoid skin contact with the hardener and the coating mixture. Wear suitable protective gloves.

Store PU Supercoat in its sealed original packaging in a dry place at a temperature between 5°C and 30°C. Keep the packaging in a well-ventilated room. Store closed and out of the reach of children. The hardener must not come into contact with moisture. Close opened packaging immediately after use and use up as soon as possible. Avoid release to the environment. Follow special instructions / refer to the safety data sheet.

Packaging units

- 1.08 KG – Set (0.9 KG small jerrycan PU Supercoat component A + 0.18 KG bottle hardener component B)
- 3 KG – Set (2.5 KG jerrycan PU Supercoat component A + 0.5 KG bottle hardener component B)

Mixing table per m²

Cemcolori PU Supercoat

(2 components)



All quantities are in grams.

Apply 2 coats of PU Supercoat to a normal wall. A shower wall must be coated 3 times with PU Supercoat. Floors, tables and worktops must always be coated 3 times with Supercoat.

m ²	Comp A	Comp B	Total
1	67	13	80
2	134	26	160
3	201	39	240
4	268	52	320
5	335	65	400
6	402	78	480
7	469	91	560
8	536	104	640
9	603	117	720
10	670	130	800
11	737	143	880
12	804	156	960
13	871	169	1040
14	938	182	1120
15	1005	195	1200
16	1072	208	1280
17	1139	221	1360
18	1206	234	1440
19	1273	247	1520
20	1340	260	1600
21	1407	273	1680
22	1474	286	1760
23	1541	299	1840
24	1608	312	1920
25	1675	325	2000
26	1742	338	2080
27	1809	351	2160
28	1876	364	2240
29	1943	377	2320
30	2010	390	2400
31	2077	403	2480
32	2144	416	2560
33	2211	429	2640
34	2278	442	2720
35	2345	455	2800
36	2412	468	2880
37	2479	481	2960
38	2546	494	3040

Joint with sanitary sealant



The sides of the joint must be inherently load-bearing and:

- **Dry**

If the joint has been cleaned wet, it must be dried. Otherwise, moisture ingress and adhesion problems may occur.

- **Dust-free**
- **Grease-free**
- **Free of mortar residues**

To do this, apply the sealant manufacturer's cleaner to a lint-free cloth and clean the joints with pressure (avoid wiping movements; these do not clean, they only spread the dirt).

To apply the right amount of sealant, the nozzle must be shortened. The inner diameter of the nozzle should roughly match the flank length of the smoothing tool.

The angle between floor and wall

- This angle should be 45° (for square walls), so that the sealant contact on the floor and on the wall is equal.

The angle relative to the joint

- This angle depends on how diagonally you cut the nozzle.
- Straight cut: a very steep angle, almost 90°, is needed to prevent applying too much sealant.
- Very diagonal cut: the angle is flatter, so the tip does not remove the sealant from the joint.

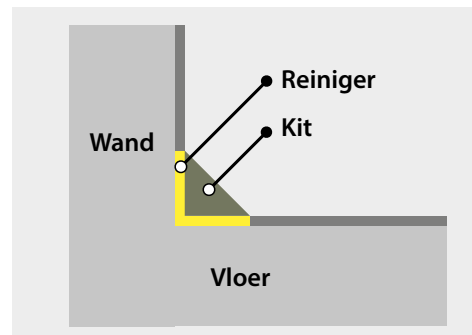
Smoothing the joint

We advise against smoothing with washing-up liquid, as it has a degreasing effect. If the joint is smoothed with detergent, there is a risk that sealant components will be released from the surface. This makes it dull and matt, and subsequent cleaning can lead to further wear of the sealant with unsightly streaks. When smoothing with washing-up liquid, the mixing ratio is often such that only a little detergent dissolves in the water, so the smoothing ability is severely limited. The surfactants in commercially available washing-up liquids remain as a residue on the surface of the sealant, visible as white spots.

Special smoothing agents, on the other hand, contain no degreasing substances, do not irritate the skin and are safe to use.

This is a recommendation and does not constitute a legal guarantee.

If in doubt, contact the sealant manufacturer.





Cemcolori is a seamless and durable concrete stucco finished with several coats of lacquer to protect it against deposits such as dirt, limescale or soap. These lacquer coats are of high quality, hygienic and require little and simple maintenance. To keep your Cemcolori finish looking beautiful for a long time, we recommend the following maintenance.

General:

Cemcolori lacquer products comply with legislation on the emission of harmful substances. After application, the lacquer reaches its final strength after 10 to 14 days. During this period, treat the surface with care, do not expose it to water, do not lay rugs and place or move furniture carefully. A shower must not be used for 7 days.

Daily cleaning:

- Shower: After showering, rinse the wall with clean water and wipe dry.
- Kitchen: Wipe surfaces with clean water and a soft microfibre cloth.
- Floors: Vacuum or dust-mop.

Weekly cleaning:

Add a dash of Cemcolori Cleaner, cleaning vinegar or St. Marc to lukewarm water and wipe surfaces with a slightly damp cloth.

Reapplying the Cemcolori lacquer coat is part of periodic maintenance. Ask your certified applicator for advice.

Some tips:

- Do not use abrasive or aggressive, acidic or caustic products or solvents such as descalers, bleach, soft soap, acetone, etc. These can damage the lacquer coat.
- Place a good doormat to catch dirt and sand. This simplifies the maintenance of your floor and extends the life of the Cemcolori lacquer coat.
- Avoid contact with plasticisers, dyes, alcohol, etc. These can cause discolouration or damage the lacquer coat.
- If a dull spot appears in heavily used areas of your floor, this indicates that the lacquer coat is worn. It is then time to apply one or more new coats of lacquer. Ask your certified applicator for advice.
- If your floor is used with rolling office chairs, these must be fitted with special soft castors for hard floor coverings. Contact your supplier for more information. It is advisable to protect rubber and wooden objects (such as table and chair legs) with Scratch no More www.scratchnomore.nl, where you can also find solid pads that significantly reduce scratching.
- Beware of leaking flower pots or wet clothing left on the floor for a long time. These can cause water stains in the lacquer.

This Cemcolori maintenance advice is based on Cemcolori PU Finish extra mat(t) and Cemcolori PU Supercoat. These have been specially developed to keep Cemcolori finishes looking beautiful for a long time with little maintenance. If the applicator has used a different product, ask for the relevant advice for that product.

Winter information: take care with Cemcolori and frost



As you probably know, all chemical reactions depend on temperature. There are therefore a few points to keep an eye on.

- As it gets colder, Cemcolori may take longer to cure fully after application.
- Do not leave materials that can freeze in the van overnight. This applies in particular to Acryl Primer, Gel Primer, Epoxy Primer, Resin Deco, pigment and lacquer. Make sure these products are stored in a frost-free room.
- During application, ensure a minimum ambient temperature of 14 degrees Celsius (desired ambient temperature: 16-18 degrees Celsius). When installing a floor, the floor temperature must also be at least 14 degrees Celsius.
- It is best to deliver the materials in advance so that they can adjust to the ambient temperature.
- Underfloor and wall heating must be switched off during application and curing.
- Be careful with fan heaters: increased air circulation increases the risk of premature water loss. This can lead to crazing, blisters (air bubbles) and colour differences.



Our product is naturally 100% waterproof (Kiwa quality mark DIN EN 1062-3).

Prüfbericht-Nr. 21DE-02858OR01



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Projekt:	Prüfung eines Zementputzes
Werk:	Cemcolori Nederland BV Jan Poelsweg 20 5813 BN Ysselsteyn
Auftragsdatum:	13. Oktober 2021
Untersuchungsauftrag:	Prüfung des "Cemcolori" entsprechend DIN EN 1062-3
Probenbeschreibung:	siehe Abschnitt 1
Anzahl der Proben:	siehe Abschnitt 1
Probennahme:	siehe Abschnitt 1
Probeneingangsdatum:	15. Oktober 2021
Prüfzeitraum:	Oktober - Dezember 2021

Soweit das Versuchsmaterial nicht verbraucht ist, wird es 4 Wochen eingelagert. Eine längere Aufbewahrungszeit bedarf einer schriftlichen Vereinbarung.

Berlin, 21.12.2021

Matthias Reese

- Digitally signed | see <http://ca.kiwa-deutschland.de> for more details -

i.V. Dr. Matthias Reese
Laborleitung

Melanie Zarbock

- Digitally signed | see <http://ca.kiwa-deutschland.de> for more details -

i.A. Dipl.-Ing. Melanie Zarbock
Projektingenieurin

QMF P A 101 a_R 6_18.05.2021

Die Prüfergebnisse beziehen sich ausschließlich auf die genannten Prüfgegenstände. Ohne schriftliche Genehmigung des Prüflaboratoriums ist eine auszugsweise Vervielfältigung des Prüfberichts nicht gestattet.

a) Angaben des Auftraggebers. k) Änderung.

Geschäftsführer: Prof. Dr. Roland Hüttel, Dr. Gero Schönwaßer
Amtsgericht Hamburg, HRB 130568, St.Nr.: 46/736/03268

Our product is naturally 100% waterproof (Kiwa quality mark DIN EN 1062-3).

Prüfbericht-Nr. 21DE-02858OR01



1. Allgemeines

Die Kiwa GmbH, MPA Berlin-Brandenburg, wurde von Cemcolori Nederland BV beauftragt, die Prüfung der Wasserdurchlässigkeit entsprechend DIN EN 1062-3:2008-04 des „Cemcolori“ durchzuführen.

1.1 Material, Applikation

In den folgenden Tabellen werden die Einzelprodukte, ihre Funktion sowie Applikations- / Herstellerangaben aufgeführt.

Tabelle 1 Informationen zu den Produkten

Produkt		Funktion	Liefereinheit
„Acryl Primer“		Grundierung	1,00 kg
„Cemcolori“	„Pigment“	Zementputz	0,32 kg
	„Resin Deco“		1,30 kg
	„Basis Deco“		3,75 kg

Tabelle 2 Herstellungsbedingungen

Produkt	Komponenten / Bestandteile	Mischungsverhältnis [GT]	Materialverbrauch [g/m²]	Schichtdicke [mm]
„Cemcolori“	„Pigment“	63	1.081	1,7
	„Resin Deco“	268		
	„Basis Deco“	750		

Die Herstellung der Probekörper erfolgte bei der Kiwa GmbH, MPA Berlin-Brandenburg.

1.2 Bewertungsgrundlage

Die Anforderungen werden der DIN EN 1062-1:2004-08, Tabelle 5 entnommen.

2. Prüfergebnisse

2.1.1 Wasserdurchlässigkeit

Herstellungs-, Lagerungs- und Prüfbedingungen:

Prüfgrundlage(n):	DIN EN 1062-3:2008-04
Prüfung(en) an:	„Cemcolori“
Grund- / Probekörper (-typ):	3 beschichtete Kalksandsteine entsprechend DIN EN 1062-3:2008-04
Lagerung / Konditionierung:	> 7 Tage im Normklima [(23 ± 2) °C und (50 ± 5) % rel. LF]; anschließend 3 Zyklen Nass-Trocken entsprechend DIN EN 1062-3:2008-04, Abs. 6.4

Prüfergebnisse:

Tabelle 3 Durchlässigkeit für Wasser (W)

Produkt	Probe-Nr.	Masse vor Wasserlagerung	Masse nach 24 h Wasserlagerung	Wasserdurchlässigkeit w	Anforderung ¹⁾	Bewertung ^{1), 2)}
		[g]	[g]	[kg/m²·h ^{0,5}]	[kg/m²·h ^{0,5}]	
„Cemcolori“	1	6.135,6	6.153,7	0,194	≤ 0,1	Klasse W3 (niedrig)
	2	6.065,2	6.073,2	0,091		
	3	6.200,2	6.201,7	0,016		
	MW*	6.133,7	6.142,9	0,100		

* Mittelwert

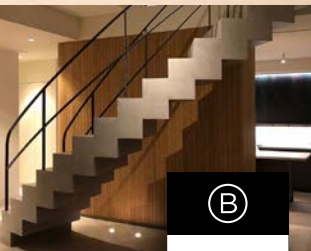
¹⁾ entsprechend DIN EN 1062-1:2004-08, Tabelle 5

²⁾ Angaben des Auftraggebers. ³⁾ Änderung. ²⁾ Die Konformitätsaussage erfolgt entsprechend der Anforderungen der genannten Spezifikationen und nach der ersten binären Kiwa-Entscheidungsregel mit dem dazugehörigen Vertrauensniveau. Diese Beurteilung ist eine reine Konformitätsaussage der Prüfstelle. Sie ersetzt nicht die anschließende Beurteilung und Bewertung der Zertifizierungsstelle bzw. die Konformitätsbestätigung.

[illegible]

[illegible]

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Waterproof

Ⓑ

BASIS



Wear-resistant

R

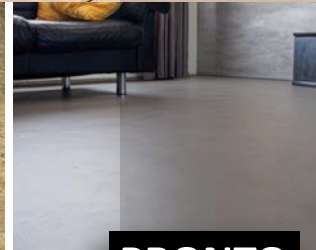
ROUGH



Relief

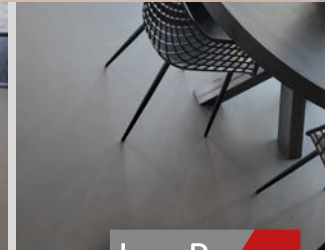
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