



Instructions for the use of microsement

DECO DESIGN AS

Thank you very much for choosing Deco Design products for your project.

We will help you through this folder through the process. You can also find info on our website www.decodesignas.no If you have any questions along the way, you can contact the retailer from whom you bought the microsement.

Lots of good luck with the project.

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Greetings from Deco	
Design.....	2
Overview.....	3
What do you need.....	4
How to get the result you want.....	5
Build-up.....	5
Preparation.....	6
Application.....	7
Step by Step.....	8
Before using the surface.....	9
Termination.....	10



What do you need:



- One micro-tray in steel or plastic
- Masonry spoon/ shovel
- Work gloves
- Mask
- Drill with whisk
- Masking tape
- Sanding machine with sanding paper
- Microfiber roll that does not shed
- Any cardboard/plastic to cover

How to get the result you want:

Deco Design its microsement allows you to create unique surfaces to create the style you want. How the surface behaves you decide with the board you are using. If you use one micro-tray and scrape off very thinly, you get an effect with a lot of shades. If you are a little gentler on hand, the surface will be somewhat calmer. If you want a homogeneous surface without too much play, you can use one plastic tray. In other words, it is the steel that creates a burn in the surface that produces shades.

Fine or Medium
DecoKLAR fine is absolutely fine in the graining, you can create a lot of shades and get a completely smooth surface. DecoKLAR medium is slightly coarser in the graining and is therefore a little more concrete. Here you will not get as much smooth shades.

Mixture
DecoKLAR fine, medium and base are finished mixed in the bucket Only color needs to be added.

Colour

All neutral grays are mixed based on black pigments. You can do this yourself based on one mixing scheme or your dealer can mix it up to you. For other colours and NCS colours, this is mixed at the dealer. The products are then ready for use.

Application to existing bathroom/new bathroom
If you are going to put on existing bathrooms on tiles, for example, it is important that you make yourself an edge towards the drain grate with, for example, a brick cord. Remove this when you have finished laying micro-cement, grind the edge and add with 2 coats of varnish down past the microsement all the way to the drain grate. Finish with a silicone joint in the transition. (after 7 days)
At the membrane join the drain cuff with the microsement. Place the varnish here past the microsement down towards the drain so that the entrance to the microsement is sealed. Use such a confe fug for the drain. (after 7 days) Remember to use plaster as a substrate to cover the fire regulations.

Other paint tips

In case of holes for shower doors/walls, down into holes in the kitchen counter for washing and frying top etc., bring the varnish in past the microsement so that you seal all entrances to the microsement.

Storage

The product should be stored in its original closed container and protected from the weather at temperatures between 10°C and 30°C, in a dry and well-ventilated place, away from heat sources and direct sunlight. The useful life is 1 year from the date of manufacture, correctly stored.

Precautions

In case of contact with eyes, guilt with abundant water for 15 minutes. In case of skin contact wash with soap and water. Don't ingest. When ingested do not provoke vomiting and seek medical attention immediately. The following measures are recommended: - Good ventilation - Protective glasses to avoid splashing - Rubber gloves Empty containers must be disposed of in accordance with applicable legislation. To prevent the product from drying out or dilute, close the lid after each use. Keep out of the reach of children. Tools used should be washed with soap and water u

Technical data sheets on our website www.decodesignas.no are applicable at all times. See these for more detailed information on each product and workmanship.

Preparation

Make sure that the substrate is completely dry and that heating cables are switched off 12 hours before laying micro-cement.

Be sure to remove silicone joints. Larger irregularities are kicked up before laying. Boom in tiles should be removed and kicked up before laying. Prime with absorbent primer on, for example, plaster, concrete, mdf etc. or non absorbent primer on, for example, tiles, membrane, etc.

The substrate must be clean, free of grease and dust and be stable. If there are joints in the substrate, measures must be taken on these. Ex filler tape, filler, vinyl, straightening etc. One fiberglass mesh can also be used at minimal risk of movement.

Micro-cement can be laid directly on top of tiles, concrete, ceramics, wood, glulam, plaster, glass, mirror, metal, plastic. MDF and other materials as long as the substrate is stable



Step by step to finished surface

- 1) Prime the substrate with DecoPRIMER abs (for suctioning surfaces) or DecoPRIMER no abs (for non-sucking surfaces). Leave to dry for 1 hour at room temperature. On tile, for example, it may be worthwhile to use DecoPRIMER EPOXY to ensure that the substrate is not damp.
- 2) DecoKLAR base is applied. This is laid in thin layers until the surface is completely erased. (approx. 0.3-0.5mm per coat) On the aligned floor that is plain it holds with 1 coat of base. For example, on tile and net, you need to fern 2-3 coats depending on how uneven the substrate is. Now 1st layer of base is dry you can grind with 60-80 grains. Vacuum well before the next layer of base can be applied. Continue until the surface is COMPLETELY erased. Vacuum well before proceeding to the next step.

Note: If you see joints or lines in the surface that are only seen but do not feel, prime again. If these are felt, they appear in towlights on one more layer with a base.
- 3) DecoKLAR fin/medium is applied. DecoKLAR fine is always laid in 2 thin coats. Applied as on page 5 in relation to how expressions one wants. Laid in completely thin layers. Sand with 180-240 grains between the layers and vacuum well.

Note: If you get "larvae", it is laid too thick. If you get bubbles, it's too thick. Remember to put wet in wet so as not to get a skillet. Swap clipping tape between the last layers for a nice finish.

- 4) When the result is the way you want it is time to apply DecoLAKK silk mat, matte or glossy. This consists of 2 components and must be mixed properly. 1/5 is the mixing ratio.
Ex 1 liter component A + 2 dl component B, this holds to 10-12 sqm. This is mixed by hand for 2-3 minutes. Do not mix to more than you should put per coat as the mixture begins to harden after a while. Use a microfiber roller to apply to the first coat. Be careful not to roll the roller dry, but also not that it floats on top of the substrate. Scroll crosswise to saturate the entire substrate. Let it dry for 12-24 hours (room temperature and normal humidity. Lower and higher than this will delay the process). Brush over with 300 grains, vacuum and apply the last coat of DecoLAKK in the same way as the first coat.

OBS: The surface may be slightly shielded after the first coat. This is normal and will be lost on the next coat as long as the varnish is properly applied. In case of a lot of air bubbles, it should be sanded and varnished even one coat. This is due to the fact that the mixture is mixed too hard or that it is applied too thick a layer when painting. Possibly the wrong roll.
- 5) The surface is now finished and ready to harden. Look at page 9 for surface use.

System Building Tile Flooring	System Building Tile Wall
DecoPRIMER no abs/ DecoPRIMER Epoxy	DecoPRIMER no abs
Sparkle fuger med DecoKLAR base	Sparkle fuger med DecoKLAR base
Legg på nett/Evt bruk DecoKLAR base XL	DecoKLAR base (one 3rd coat if necessary)
DecoKLAR base	DecoKLAR fin/medium
DecoKLAR base (one 3rd coat if necessary)	DecoKLAR fin/medium
DecoKLAR fin/medium	DecoKLAR lakk
DecoKLAR fin/medium	DecoKLAR lakk
DecoKLAR lakk	
DecoKLAR lakk	
System construction of floor/erasure walls	System building membrane
DecoPRIMER abs/ evt DecoPRIMER Epoxy	DecoPRIMER no abs
DecoKLAR base	DecoKLAR base (one coat no. 2 if necessary)
DecoKLAR fin/medium	DecoKLAR fin/medium
DecoKLAR fin/medium	DecoKLAR fin/medium
DecoKLAR lakk	DecoKLAR lakk
DecoKLAR lakk	DecoKLAR lakk

Before using the surface

The surface can be used carefully after 48 hours (dry in room-tempered rooms with normal humidity) Use the surface with caution for 7 days. In bathrooms, worktops, gan floors, etc., it must take at least 7 days for water and liquid to spill onto the surface. If liquid accidentally appears on the surface, this must be removed immediately.

After 7 days, grouting can be carried out.

NOTE: If you experience dark spots/colour changes in the surface, contact your dealer/craftsman immediately before further use. This may indicate that sealing is too poorly performed and must therefore be rectified before further use to avoid permanent stains.

DecoKLAR goes under products design floors – a common term for cement-based floors without joints. This places great demands on the substrate and we see that any problems with the surface are often related to the substrate. The floor should – like all other floors – be checked at standing eye level and in daylight.

Acceptance criteria for design floors

- Small holes, blisters, transitions can occur -Scrap rice and color differences must be expected and accepted.
- Transitions in repairs will appear.

Shields and the like on the surface may occur to a lesser extent.

Deco Design AS is not responsible for execution, only product by proper application and preparation.





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