

eurocol

330

the strong connection



DECODESIGN

Decorative coating system consisting of 330 ColourCoat, 331 SprayCoat and finished with 335 TopFinish for floor and wall finishing.

PRODUCT TYPING

Base	.1-component 330 ColourCoat with decorative 331 SprayCoat on top, both based on a 1K acrylic dispersion.
Color	8 basic colours and 3 colour designs supplied in 14 set combinations.
Gloss	60° : 4 / 85° : 11. NEN-ISO 2815.

- Environmentally friendly
- Easy to process
- Stress-free
- Excellent adhesion
- Layer thickness of only 150-200 µm without levelling

PROPERTIES

Adhesion	≥ B 1,5. EN 13892-8
Colour fastness	8 (blue wool scale). EN-ISO-105-B2
Compressive strength	Determined by substrate.
Consumption	330 ColourCoat 70 g/m ² /layer; 331 SprayCoat: approx. 10 g/m ² (depending on intensity). 335 TopFinish 1st layer 50-75 g/m ² , 2nd layer 125-150 g/m ² . For the wall, 1 layer of approx. 70-80 g/m ² is sufficient.
End strength	Fully cured after 8 days.*
Flammability	See safety data sheets.
Frost resistance	No.
Passableness	330 ColourCoat: 2 hours. 331 SprayCoat: 1 hour. 335 TopFinish: 1st layer 3-4 hours, 2nd layer with care after approx. 12 hours (overnight).*
Slip resistance	DS: ≥ 0.45 (EN 13893:2002) Classification R9 according to DIN 51130
Slip test	SRT pendulum dry: between 55 - 70, wet: >25. BS7976-2+A1
Specific weight	330 ColourCoat 1.3 - 1.5 kg/l. 331 SprayCoat approx. 1.1 kg/l.
Abdraction-taber	80 mg. ASTM D4060-14 / EN-ISO 7784.
Impact resistance	: ≥ IR 4. EN-ISO 6272-1
Fire class	: Bfl-S1 EN 13501-1+A1
Wheelchair resistance	: Suitable for use with desk wheelchairs. EN 425

APPLICATION

To create a stylish look for floors or walls with the convenient properties of plastic, but without its disadvantages such as discolouration or a 'cold' look & feel.

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PROCESSING

Layer thickness	150-200 µm (dry, total).
Storage	Store in a cool and frost-free place (between 10° - 30 °C)
Tools	Microfibre roller 11 mm for 049 Europrimer ABS and 330 ColourCoat. Microfibre roller 9 mm and 11 mm for 335 TopFinish, paint tray, Wagner sprayer FinishControl 5000 XVLP for 331 SprayCoat.
Use class	Commercial class 34 very strong EN-ISO 10874
Processing time	330 ColourCoat and 331 SprayCoat n/a, 335 TopFinish approx. 30 minutes.
Shelf Life	9 months in unopened packaging.

* The stated values are laboratory values which, given the large variation in climatological conditions, subfloor compositions and layer thicknesses, are only guideline values.

Substrate:

- DecoDesign must be applied to levelled surfaces only.
- Level cement composite subfloors with 990 Europlan Direct. Avoid short strokes and small areas of imperfections. The flatter the floor or wall, the better the end result will be. It is therefore recommended that, after drying, you should lightly sand the levelling layer with a gauze with coarseness 100 or finer, then make it dust-free using an industrial vacuum cleaner.
- Then apply a primer layer of 049 Europrimer ABS using an 11 mm microfibre roller and then leave it to dry well (min. 1 hour).
- Any dilutions that exist in the substrate must be respected and must always be followed in the levelling layer and the DecoDesign.
- Always consult our technical product information sheets beforehand. In case of doubt about the applications to be made, contact our Technical Advice Department in advance.

Instruction manual:

Step 1. Preparation:

- Order sufficient product from one batch in the case of large projects.
- For all 330 ColourCoat buckets to be processed, check that the batch number is the same. This is done to prevent colour differences in the end results.
- Check that all required tools are present.
- Ensure that the material is sufficiently acclimatised (min. 24 hours before processing).
- Check the residual moisture percentage (sand-cement screeds max. 2.5% CM; plastered walls max. 1% CM), floor temperature and climatic conditions to ensure that they meet the required specifications. Also determine the dewpoint on the floor or wall surface using e.g. a Caisson LVT-15 Thermo/Hygrometer. The surface temperature of the floor or wall must be at least 3°C above the dewpoint.
- Avoid direct sunlight while working. If necessary, cover windows with e.g. cardboard.
- If the floor is to be finished, cover the walls with foil (e.g. Deltec Tape Quick 1800 mm) up to a minimum of 1½ m high against overspray while spraying 331 SprayCoat. If the walls are to be finished, you can choose to protect the floors with e.g. stucco runners.

Step 2. Mixing:

- Mix the 330 ColourCoat with a mechanical mixer combined with a plastic paint mixer at low speed (approx. 300 rpm) to create a homogeneous mass, preferably in a separate room adjacent to the room in which the DecoDesign floor or wall is being installed. The mixing time must be at least 1 minute.
- Protect the floor and walls etc. of the mixing site with e.g. stucco runners or an equivalent protective material and fix it to the substrate using a suitable tape.
- The 331 SprayCoat is ready for use and must not be stirred or shaken. It can be poured directly into the spray cup using a funnel.

Step 3. Processing:

- Check the floor surface for the presence of dust or any other contaminating particles. If they are present, remove them.
- Avoid leaving footprints on the floor by wearing shoe covers.
- Pour the 330 ColourCoat into a suitable paint tray and spread it evenly across the floor surface using an 11 mm microfibre roller (consumption: approx. 70 g/m²/layer). Depending on the size of the floor surface, a roller width of 250 mm or 500 mm can be selected.
- After a drying time of approx. 2 hours, apply the 2nd layer of ColourCoat in the same way. Once this 2nd layer has completely dried, the 331 SprayCoat can be applied using e.g. a Wagner sprayer (consumption: approx. 10 g/m² depending on intensity). When using a sprayer of the FinishControl 5000 XVLP type, the air setting must be set to 6 and the material to setting 10 (to be fine-tuned by the users themselves).
- Always perform a test spray before working on the floor or wall.
- Clean the sprayer immediately with water after use.
- After a minimum of one hour, the 331 SprayCoat is sufficiently dry (check its walkability) and the floor or wall can be further finished with 335 TopFinish.

Step 4. Finishing with 335 TopFinish:

- Check the floor or wall surface for the presence of dust or any other contaminating particles. If they are present, remove them.
- Avoid leaving footprints on the floor by wearing shoe covers.
- Shake the can of component A while it is still closed.

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- Pour the base material (component A) into a mixing bucket and add the hardener (component B) fully mixed to it.
- Mix the 2-component 335 TopFinish with a mechanical paint mixer (speed approx. 300 rpm) for at least 3 minutes.
- Pour the mixed 335 TopFinish through a sieve (approx. size 400 µm) into a clean empty bucket, then mix again with a clean paint mixer for at least 1 minute.
- The finish layer can be applied after a waiting time of approx. 10 minutes.
- Pour the 335 TopFinish into a suitable paint tray or pour a strand of the correct amount over the floor that needs to be painted. Then spread the 1st layer evenly, covering the floor surface thinly using a 9 mm microfibre roller (consumption: between 50 - 75 g/m²). Once the 1st layer has dried sufficiently (drying time 3-4 hours), apply the 2nd finish layer. Spread the right amount of material evenly over the floor surface using an 11 mm microfibre roller (consumption: between 125-150 g/m²). For the wall, 1 layer of approx. 70-80 g/m² is sufficient.
- Immediately after applying the finish layer, roll then afterwards with a wet, unsaturated roller. Depending on the size of the floor surface, a roller width of 250 mm or 500 mm can be selected.
- When applying the finish layer, use pinhole soles with flat studs (diameter at least 10 mm) to avoid making depressions in the DecoDesign floor. Also keep walking in front of the roller.
- The floor is walkable with care after a drying time of at least 24 hours.
- The paint will be 80% cured within 24 hours. The finish layer is completely cured after 8 days. Thus, it is important that during these 8 days the floor is not loaded with dirt and/or moisture, as this may lead to a damaged floor finish. Covering it is prohibited.
- Remove fresh (not yet hardened) paint spots directly with water. After hardening, the material can only be removed mechanically.
- Clean tools with water immediately after use.
- Always consult our technical product information sheets beforehand. In case of doubt about the applications to be made, contact our Technical Advice Department in advance.
- Avoid contact with eyes and skin and use suitable personal protective equipment (see safety data sheet).

More information:

- Keep out of reach of children.
- Ventilate the room thoroughly during and after the processing and drying process.
- Do not eat, drink or smoke while processing this product.
- In the event of contact with eyes or skin, flush with plenty of water immediately.
- Only return packaging for recycling after removing any residues. Dispose of product residues and cleaning fluids according to your local environmental regulations and do not dispose of them into drains.
- For detailed information about safety measures, please refer to the safety data sheet on our website: www.eurocol.nl.

Processing conditions

Desired ambient temperature : 18-23 °C.
 Temperature for material and subfloor : 15-20 °C
 Relative humidity : 50 - 70%.

Tips for keeping your DecoDesign coating floor looking beautiful:

- For cleaning and maintaining DecoDesign floors, we recommend 312 Conditioner. This protective film makes it more difficult for dirt to adhere to the floor. If used regularly, it preserves the appearance of the floor (without a shiny effect). Never not use chlorine or bleach!
- Ensure that there is a good clean-off system at the entrance.
- Among other things, provide chair legs with soft protection (e.g. cork or felt) and replace them in good time in the event of damage/wear.
- Provide rolling furniture with soft wheels.

Underfloor heating constructions:

DecoDesign can be used on underfloor heating constructions. The underfloor heating startup protocol must be fully implemented in advance according to the supplier's guidelines. Switch off the heating one day before application; switch the heating back on again at least 72 hours after painting, in steps of a maximum of 5°C water temperature per day. Ensure that the floor temperature does not exceed 29°C.

ENVIRONMENT AND HEALTH

Hazard Class See safety data sheet.
 MSDS Sent digitally or available via our website www.eurocol.nl

ITEM DATA

Article	Definition	Packaging	EAN-code
330	ColourCoat	Environmentally friendly bucket (based on PE), 6,5 kg	
	White		8 710345330008
	Brown Grey		8 710345330015
	Warm Grey		8 710345330022
	Mid Grey		8 710345330039
	Cool Grey		8 710345330046

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	Light Grey		8 710345330053
	Antraciet		8 710345330060
	Black		8 710345330077
331	SprayCoat	Environmentally friendly bucket (based on PE), 1.2 kg	
	Primair		8 710345331005
	Cool		8 710345331012
	Warm		8 710345331029
335	TopFinish	Components A + B, 5 kg set	
		Component A: Jerry can (based on PE), 4.25 kg	8 710345335003
		Component B: Bottle (based on PE), 0.75 kg	8 710345335010

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