

# 322 C Floor Duo

## 2-COMPONENT COATING FOR FLOOR- COVERING AND EUROCOL SURFACE FLOORS - COATING AND RECOATING

### PRODUCT DESCRIPTION

Dispersion based, two-component polymer coat with high cross-linking density for the long-term, hardwearing protection of old and new resilient floor coverings and Eurocol Surface Floors. For top-coating of new and re-coating of worn resilient floor-coverings. Also for floor coverings, which are exposed to extremely high mechanical and chemical stress.

Eurocol 322 C Floor creates a wear- and scratch resistant, protection coat with excellent elasticity and chemical resistance. Reduced time daily cleaning maintenance, reduced for daily dirt adhesion. Easy to apply with excellent adhesion. Anti-slip classification R9 and R10/R11 with R10/R11 Anti-Slip Additive.

Matt-finish.

GISCODE W3/DD+. Very low emission product according to EMICODE EC1 Plus R. Emission-tested product according to DIBt principles.



Made in Germany

### PRODUCT FEATURES

- For smooth or structured floor-covering surfaces such as PVC, Linoleum and Rubber.
- Also for safety floor coverings and heavily structured, knobbed surfaces.
- Not suitable for conductive or conducted floor coverings
- Suitability for safety floor-coverings, heavily textured/ knobbed surfaces and floors must be reviewed upfront by manufacturer in each individual case.

Tested quality according to:

- Residual indentation behavior DIN ISO 24343 Resilient Floors
- Flexibility EN ISO 24344: 2012 procedure A
- Color fastness to artificial light ISO 10581-B02:2014
- Abrasion resistance according to falling sand method acc. to 15468:2013 with Taber abrader.
- Scratch resistance acc. to EN 14565:2004 appendix A
- Sensitivity to stains ( chemical resistance) EN ISO 26987: 2012
- Slip resistance rate R9 (Pendulum test) DIN 51130 2004:2006
- Slip resistance rate R10 after adding R 10 additive
- Outstanding good results in castor wheel resistance testing. DIN ISO 4918:2009 25.000 revolutions: No visible changes

### TECHNICAL DATA

Base	component A:	PUR/ polymer
	component B:	Isocyanate
Color	component A:	whitish

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	component B:	transparent
<b>Density</b>	component A:	1,04 g/cm <sup>3</sup>
	component B:	1,13 g/cm <sup>3</sup>
<b>Texture</b>	liquid	
<b>Cleaner</b>	remove liquid spills with water, dried parts can only be removed mechanically	
<b>Processing conditions</b>	non below 15°C on the subfloor minimum 18°C material- and room temperature 35-75% relative humidity, recommended <65%	
<b>Ratio of Mixing</b>	100 parts component A 25 parts component B	
<b>Application</b>	Eurocol- Eurotool Microfibreroller, 11 mm floor, lint-free	
<b>Consumption</b>	approx. 85 ml/m <sup>2</sup> - 100 ml/m <sup>2</sup> / application layer	
<b>Drying time</b>	Can be used carefully 12 hrs. after the last sealer coat has dried. After 48 hrs. approx. 80 % and after 7 day full durability.	
<b>Permitted shelf-life</b>	6 month from date of production in unopened original canister	
<b>Storage condition</b>	packing to be tightly closed at a dry place, temperature 5 - 30 °C	
<b>Sensitive to moisture</b>	component A:	no
	component B:	yes
<b>Sensitive to frost</b>	component A:	yes
	component B:	yes
<b>Code acc. to GHS</b>	component A:	no
	Component B	see safety data sheet!
<b>Environmental protection</b>	GISCODE:	W3/DD+
	EMICODE:	EC 1 Plus R
	General Inspectorate Building	
	Approval DIBt:	Z-157.20-230
	DecoPaint EU/2004/42:	Kat. A/i/Wb: <140 g/l VOC (2010)
	DGNB:	VOC 3,14 %, quality level: 3
	LEED:	53,9 g/l
	A: Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.	
	B: Contains: Isocyanate. May produce an allergic reaction.	

### FLOOR PREPARATION C Floor

The surface of the resilient floor- covering which has to be top-coated or re-coated must be clean, dry, free of oil, wax and cleaning residues before coating.

Therefore the floor surface has to be basic cleaned and evenly, smoothly dry and / or wet sanded using Eurocol Base Cleaner, Eurocol pads and discs, tools and Eurocol machines according to Eurocol **C Floor** instructions or equivalent. The quality of the surface preparation determines the quality of the final coating performance. Therefore Eurocol **C Floor** instructions are strictly to be followed.

### APPLICATION Lacquers

Please follow our processing conditions advises mentioned above. Stir up base coat (component A) in original canister. Empty the container completely into a clean mixing plastic-container, add the hardener (component B) immediately and mix thoroughly with electric mixer for 3 minutes. Allow the mixture to settle for 10 minutes, stir again and use it within 90 minutes (20°C). Apply the mixture with Eurocol Eurotool Microfibreroller cross-wise two times within an intermediate drying time of 4 -24 hrs.

If subsequent coating must be done after 24 hrs the previous coat surface must be fine- sanded with Eurocol Repairpad gray.

### For perfect application results:

Roll out the sealing mixture evenly onto the floor using Eurocol microfiber roller. Start application works on the side with the main incidence of light (window side of the room). Work away from the light. In this way, it will be possible to keep an eye on the floor during work and enables to correct any application irregularities immediately. Apply the sealer by working in sections of a maximum of 1 meter in width at right angles. Apply first layer considering the incidence of light parallel to the window side of the room. Over roll the first layer crosswise this time towards to the direction of the widow light. The second layer should be applied when the first layer is completely dry. Roll the second layer out cross-wise evenly. Avoid the formation of pools/ puddles. Please make sure that there is enough material on the surface!

To achieve slip resistance Class R10 or R10, the Eurocol 872 Aqua Varnish Additive R10 or Eurocol 871 Aqua Varnish Additive R11 needs to be added to the Eurocol 322 C Floor before adding the hardener. Mix well with slow stirring to homogenize the additive with the A component, then add the hardener and proceed according to the processing instructions of the lacquer.

The mixture of the additives with the lacquers must be processed within the pot life. Keep stirring the mixture regularly to prevent settling of the structuring during processing.

3% of the Eurocol 872 Aqua Varnish Additive R10 must be added to achieve slip resistance R10

4% of the Eurocol 871 Aqua Varnish Additive R11 must be added to achieve slip resistance R11

During lacquer application wear disposable shoe covers to avoid shoe marks.

Consider technical instructions of goods manufactured and/ or delivered by third party.

## NOTES

Pay attention to the batch number printed on the label or on the container. Use only products with the same batch number, especially in final top coating. In case of different batch numbers, mix them in a separate mixing container before using.

Coloring products (e.g. hair dyes, colored wound disinfectants), plasticizer migration (e.g. from vehicle tire, rubber containing products) can lead to irreversible discoloration of the sealing coat. However color and gloss level deviations might be caused by poor coverage, film-thickness deviations or variation in subfloor absorbency, insufficient wetting by inadequate subfloor preparation.

Not suitable for conductive flooring.

The sealer is extremely resistant to chemicals. However, if resistance for disinfectants or other specific chemicals is required, pre testing is advised. Use lint-free Eurocol roller for lacquer application to avoid surface defects. Avoid harmful working- and drying conditions (heat, cold, cross draft, excessive air moisture caused by air-conditions, fans, open windows, direct sunlight etc.). Possible interactions of the coating with new or used floor coverings (for example, by migration of ingredients from the floor in the coating or through not removed contaminants on the surface of the floor covering with the coating) can lead to adhesion problems. Any damage resulting from such interactions, are not under Eurocol warranty.

The Eurocol **C Floor** instructions for subfloor preparations, cleaning and maintenance of the newly sealed surface needs to be observed.

## PACKING

5 l container component A (96 / palette)      1,25 l container component B (300 /palette)

## SPECIAL NOTES

Any application method/ conditions other than specified in this Technical data sheet require explicit manufacturer's approval. In case of deviance in application method/ conditions liability by manufacturer cannot be guaranteed.

This technical data sheet contains advice on handling and application of the product, based on experience and tests run by the manufacturer in laboratory and practical work.

The information supplied by the manufacturer are non-binding and cannot be used as a basis for establishing the manufacturers liability for any damages caused. The values stated in this technical data sheet were measured under standard laboratory conditions. As application conditions outside the laboratory vary strongly this technical data sheet must be considered a guide only. Therefore the manufacturer does not take liability for damages caused by the customer's utilization of the technical data sheet content.

As use, processing- and storage conditions on site are beyond manufacturers influence, a warranty for the processing result cannot be given. This also includes the infringement of any rights for the protection of third parties.

Sufficient testing areas are to be provided before final application. Relevant national norms and regulations of the industry are to be observed. Outside Germany valid, relevant national norms and regulations, have to be taken into account and to be followed by the customer. It is the responsibility of the customer to check product suitability for the intended procedure and purposes prior to use. This Technical Information supersedes all previously issued application data sheets and product information are no longer valid!

Technical information and Material Safety Data Sheets of concomitantly used installation materials must be followed carefully.

The products delivered by the manufacturer are for professional use only. Keep away from children.

The manufacturer's terms and conditions are binding.

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