

Technical Information

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ECOSTAT-DF POLYCAN Polyurethane Dissipative Paint (Part No.: 1415.CG.001.7035)

- Single layer, 2 component, polyurethane paint
- Solvent based and long lasting
- Dissipative floor coating, IEC 61340-4-1, class DIF
- Excellent adhesive properties
- Suitable for hard and resilient surfaces
- Suitable for new and existing floors
- Ready for use within 48 hours in a well ventilated area
- Easy application using brush or roller
- Grey, RAL 7035. Other colours available on request



Technical Data:

Property	Standard	Requirement	Typical values
Delivery form	EN 430		5 kg pail
Resistance to ground R_E	IEC 61340-4-1	IEC 61340-4-1 $10^6 < R_E \leq 10^9 \Omega$ (Class DIF)	$10^6 - 10^8 \Omega$ on isolating ground
Wearer overall resistance $R_{E \text{ System}}$	ESD STM 97.1-1999	EN 61340-5-1 $\leq 35 \text{ M}\Omega (\leq 3,5 \times 10^7 \Omega)$ (Recommended for primary means of grounding)	$10^6 - 10^8 \Omega$ (depends on footwear)
Walking Test (Body voltage measurement)	ESD STM 97.2-1999	<u>Recommendation:</u> <u>Ideal case:</u> Body voltage < 100 V <u>If body voltage > 100 V:</u> Decay time < 0,3 sec.	Body voltage < 100 V (depends on footwear)
Insulation resistance R_i	DIN VDE 0100-610	$> 5 \times 10^4 \Omega$	$> 5 \times 10^4 \Omega$
Effect of chair castors	DIN 6818 / EN 425		no effect, suitable if Type W according to DIN 68131

User's Instructions for ECOSTAT-DF-POLYCAN (Part. No.: 1415.CG.001.x)

Surface preparation

- Clean the surface thoroughly from oil, grease and dust
- Check the surface conditions according to the technical data sheet

Mixing and application

- Stir component A thoroughly
- Add component B (hardener)
- Mix thoroughly with a slow mixer (max. 300 R/min)
- Transfer to a clean container and stir again
- Do not apply from the original pail.
- **Optional:** For semi-gloss and rugged appearance, add ECOSTAT-RHF when mixing
- Apply with a brush or roller
- Clean tools and dispose of waste according to technical data sheet
- Use the supplied grounding strips for floor grounding

Tip!

A second layer may be applied after 24 hours for better aesthetical results.

Note:

**Solvent evaporates during drying process
Odour is high, but becomes odourless after drying.
Provide sufficient ventilation.**

Disclaimer

We only guarantee the quality of the supplied products. The user is responsible for the correct use of the products and the surface condition.

User's Instructions

ECOSTAT-DF POLYCAN (Part. No.: 1415.CG.001.x)

Technical data sheet

Product:		ECOSTAT-DF POLYCAN
Part. No.:	Colour	Unit
	Grey, RAL 7035 Additional colours available on request	5 kg pail
Mixing ratio (A:B)		4,7:1 parts by weight
Density DIN 51757		app. 1,3g/cm ³
Solid content		app. 66,2%
Solid volume		app. 60%
Resistance to ground DIN EN 61340-5-1		10 ⁶ – 10 ⁸ Ω, on non conductive surfaces
Storage		Dry, Temperature > 10°C, 6 month shelf-life at 20°C in original box
Surface condition		
Temperature		≥ 8°C
Adhesion (DIN 53232)		≥ 1,5 N/mm ² (minimum individual value ≥ 1,0 N/mm ²)
Application		
Relative humidity		≤ 85%
Application temperature		8-30°C
Drying time after application		Approximately 2 hours depending on ambient temperature and relative humidity
Access and 2 nd layer application		after 12-24 hours
Curing time		after 7 days
Tools cleaning		Use universal cleaner
Yield		
ECOSTAT-DF-POLYCAN		app. 8 m ² / kg
ECOSTAT-RHF Semi-gloss and rugged finish		app. 0,5-2 g/m ²
Waste disposal		
Observe local regulations for waste disposal		

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