



## SUITABILITY FOR USE

### UNI 11021

### PRODUCTS AND SYSTEMS FOR PAINTING ROOMS WITH

### PRESENCE OF FOOD

### TEST REQUIREMENTS AND METHODS

With reference to Test Report n° S-SSOG-2004456 dated 07/06/2021, this certificate of suitability for the product is issued

### ECOSTAR 2K HD PER PAVIMENTI IN RESINA

N°	Test	Method	Analytical value	Target value	Result
<b>Essential requirements</b>					
7.1	Dirt pick-up	UNI 10792	$\Delta L = 2,16$	$\Delta L \leq 3,00$	PASS
7.2	Release of odour	Appendix A	0,8	$\leq 1,0$	PASS
<b>Special requirements</b>					
8.1	Wet scrub resistance – brush method	UNI 10560	> 5000	$\geq 5000$	PASS
8.2	Cleanability test	Appendix B	$\Delta E = 0,14$	$\Delta E \leq 3,00$	PASS
8.3	Moulds resistance	Appendix C	1	$\leq 1,0$	PASS
8.4	Resistance to particular washing agents	UNI EN ISO 2812-1 (method 3)	No alteration	Mild alteration of detergents A, B, and C	PASS
8.5	Resistance to disinfection agents	UNI EN ISO 2812-1 (method 3)	No alteration	Mild alteration of detergents D	PASS



8.6	Resistance to temperature shocks	Appendix D	No alteration	No alteration	PASS
8.7	Resistance to humidity	UNI EN ISO 6270-1	No alteration	No alteration	PASS
8.8	Resistance to cracking	prEN 1062-7	Class A2 (up to cracks <411 µm)		PASS
8.9	Stain resistance (stains 1.1 – 3 – 6 – 9.1 – 11 – 12 – 16)	UNI EN 12720	Grade 4 for liquids 6-9.1 Grade 5 for liquids 1.1-3-11-12-16	≥ grade 4	PASS

## RISULTATO

### *Painting system suitable for environments where food is present*

- ***Suitable for walls, ceilings and surfaces for which resistance to washing and mold is required***
- ***It can be washed with***
  - ***Washing agent A – chlorine-active***
  - ***Washing agent B – alkaline degreaser***
  - ***Washing agent C – acid descaling***
- ***Suitable for surfaces that need to be disinfected, using washing agent D (generic disinfectant)***
- ***Suitable for cold rooms***
- ***Suitable for rooms with average humidity greater than 80%***
- ***Suitable for surfaces with cracks up to 411 µm***
- ***The stains of***
  - ***10% aqueous solution of acetic acid***
  - ***10% aqueous solution of ammonia***
  - ***Coffee***



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innovazione e ricerca

- **Ethanol 96%**
- **Condensed milk (fat content 10%)**
- **Olive oil**
- **Tea**

**can be removed if treated with n-dodecyl-benzo-sulfonate sodium solution at 0.25% within 24 hours.**

Laboratory Manager

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Head of Area

(Mr. Gianmaria Gasperini)