"CERRAD" Sp. z o.o.
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tel. 41 275 54 33

Starachowice, 30.11.2020

TECHNICAL CHARACTERISTICS EN

no. 322

Dry Pressed Ceramic tiles with low water absorption of Group $BI_{a\,GL}$ E ≤ 0,5%

Annex G, Universal tiles – GL

COLLETION NAME	COLOUR	BODY	SURFACE
FOREST	GREY	NOT COLOUR BODY	SMOOTH

PHYSICAL PROPERTIES		NORM	REQUIREMENTS	MEAN VALUE ACHIEVED	
	WATER ABSORPTION [%]	PN-EN ISO 10545-3	< 0,5	< 0,1	
	MODULUS OF RUPTURE [N/mm^2]	PN-EN ISO 10545-4	≥ 35	≥ 45	
	BREAKING STRENGTH [N]	PN-EN ISO 10545-4	> 1300	> 2100	
	FROST RESISTANCE	PN-EN ISO 10545-12	required	resistant	
	ABRASION RESISTANCE	PN-EN ISO 10545-7	required	GREY	4/2100
	RESISTANCE TO HOUSEHOLD CHEMICALS	PN-EN ISO 10545-13	min. B	Ammonium chloride solution	A
				Sodium hypochlorite solution	A
	RESISTANCE TO HIGH OR LOW CONCENTRATION OF ACIDS OR ALKALIS	PN-EN ISO 10545-13	declared	Hydrochloric acid solution, 3%	LA
				Citric acid solution 100g/l	LA
				Potassium hydroxide solution, 30g/l	LA
				Hydrochloric acid solution, 18%	HA
				Lactic acid solution, 5%	HA
				Potassium hydroxide solution, 100g/l	HA
	RESISTANCE TO STAINING	PN-EN ISO 10545-14	min. 3	5	
	CRAZING RESISTANCE	PN-EN ISO 10545-11	required	resistant	
DCOF	DYNAMIC COEFFICIENT OF FRICTION	ANSI A326.3	> 0,42	0,51	
	THERMAL SHOCK RESISTANCE	PN-EN ISO-10545-9	required	resistant	

REFERENCE DOCUMENT: DECLARATION OF PERFORMANCE NO. 7A/02 CPR

Signed for and on behalf of the manufacturer by:

TECHNOLOG
Piotr Sacha