



STATEMENT OF COLLECTION ESTELLO

Ceramics Nowa Gala SA produces dry-pressing tiles with low water absorption $E_b \leq 0,5\%$, group BI_a, in accordance with PN-EN 14411: 2013-04 Ceramic tiles - Definition, classification, characteristics, evaluation of conformity and marking, annex G.

The *table 1* presents the technical characteristics concerning the collection ESTELLO(ET) belonging to the family of products: glazed technical gres:

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Table 1 – technical characteristics ESTELLO			
Parameter	Test method	Norm requirements	Parameters achieved
Water absorption [%]	PN-EN ISO 10545-3	< 0,5	< 0,1
The flexural strength [N/mm ²]	PN-EN ISO 10545-4	minimum 35	> 45
Breaking Strength [N]	PN-EN ISO 10545-4	> 1 300	~ 2 500 60X60 ~ 4 200 120X60
Resistance to surface abrasion PEI	PN-EN ISO 10545-7	indicate the class of abrasion	5 ET 12 4 ET 08 ET 13
Plunge abrasion resistance* [mm ³]	PN-EN ISO 10545-6	< 175 (for unglazed tiles)	~ 130
Resistance to household agents and additions to swimming pools	PN-EN ISO 10545-13	minimum class B	A
Stain resistance	PN-EN ISO 10545-14	minimum class 3	5 NAT
Chemical resistance	PN-EN ISO 10545-13	manufacturer specifies the classification	LA HA
Resistance to crazing	PN-EN ISO 10545-11	required	resistant
Frost resistance	PN-EN ISO 10545-12	required	resistant
Class of anti-slipperiness	DIN 51130	-	R10 NAT
	DIN 51097	-	A NAT

*complementary parameter, typical for unglazed tiles

GLÓWNY TECHNOLOG
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