

Końskie, 15.02.2021

Statement on ceramic tile **SEPIA MODERN (SPI)**

Ceramika GRES S.A. is a producer of tiles according to PN – EN 14411 Standard, Ceramic tiles and plates – definition, classification, characteristics and marking, BIa group with water absorption parameter $E \leq 0,5\%$.



CeramikaGres
grupa NowaGala

The table below presents the technical characteristics of tile **SEPIA MODERN (SPI)** belonging to family of the products : glazed gres with polished surface

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Technical characteristics – glazed gres			
Parameter	Test method	Requirements of Standard	Parameters achieved
Water absorption [%]	PN-EN ISO 10545-3	< 0,5	< 0,1
Flexural strength [N/mm ²]	PN-EN ISO 10545-4	Minimum 35	~45
Breaking strenght [N]	PN-EN ISO 10545-4	>1300	~2100
Glaze cracking resistance	PN-EN ISO 10545-11	Resistant	Resistant
Resistance to abrasion	PN-EN ISO 10545-7	Declared by the manufacturer	SPI02 IV(12000)
			SPI10 V(12150)
			SPI12 IV(2100)
			SPI13 III(1500)
Resistance to domestic use products and additions to swimming pools	PN-EN ISO 10545-13	Minimum GB	A
Stain resistance	PN-EN ISO 10545-14	Minimum 3	4
Chemical resistance	PN-EN ISO 10545-13	Declared by the manufacturer	LA, HB
Thermal shock resistance	PN-EN ISO 10545-9	Test method used	Resistant
Frost resistance	PN-EN ISO 10545-12	Required	Resistant
Slip resistance	DIN 51130:2004	-	R10
Slip resistance	DIN 51097:2014	-	A+B

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