














TECHNICAL SPECIFICATIONS
QUALITY LABORATORY
MODEL
45X45 FS ALORA
BODY TYPE
FLOOR TILES GROUP Blla

Body Technical Specifications		Test Method	Standard Value	Pass/Fail
	Length and width	ISO 10545-2	± 0.6 %	Yes
	Thickness		± 5 %	Yes
	Straightness of sides		± 0.5 %	Yes
	Surface flatness		± 0.5 %	Yes
	Squareness		± 0.5 %	
	Water absorption	ISO 10545-3	3<AA<6 %	Yes
	Breaking strength	ISO 10545-4	>1000 N	Yes
	Modulus of rupture		>22 N/mm ²	Yes
	Frost resistance	ISO 10545-12	NOT RESIST	Yes
	Linear thermal expansion coefficient	ISO 10545-8	9*10 ⁻⁶ K ⁻¹	Yes

Surface Technical Specifications		Test Method	Standard Value	Pass/Fail
	Slipperiness	DIN-51130	R-9	Yes
		UNE-ENV-12633	CLASS 1	Yes
	Surface abrasion resistance (PEI)	ISO 10545-7	4	Yes
	Deep abrasion resistance	ISO 10545-6	-	-
	Surface hardness (MOHS scale)	EN-101	6	Yes
	Acids and alkalis resistance	ISO 10545-13	GLA/GLA	Yes
	Crazing resistance	ISO 10545-11	RESIST	Yes
	Staining resistance	ISO 10545-14	5	Yes
	Surface Quality	ISO 10545-2	> 95 %	Yes

GOODS ARE IN CONFORMITY WITH ISO 13006 STANDARDS