

GENERAL SPECIFICATIONS – MATTE

DESCRIPTION	METHOD	UNIT	12" x 12" MATTE	12" x 24" MATTE	24" x 24" MATTE
THICKNESS	EN ISO 10545-3	mm – in	10 mm – 3/8 in	10 mm – 3/8 in	10 mm – 3/8 in
WATER ABSORPTION	EN ISO 10545-3	(%)	≤ 0.5	≤ 0.5	≤ 0.5
DEEP ABRASION	EN ISO 10545-6	(mm ³)	114	115	102
SCRATCH HARDNESS		(Mohs)	7	7	7
BREAKING STRENGTH	EN ISO 10545-4	(lbf)	≥ 600	≥ 600	≥ 600
CHEMICAL RESISTANCE	EN ISO 10545-13	(GL)	Class A – Resistant	Class A – Resistant	Class A – Resistant
FROST RESISTANCE	EN ISO 10545-12		Resistant	Resistant	Resistant
STATIC COEFFICIENT OF FRICTION (WET)	ASTM C-1028	(μ)	≥ 0.70	≥ 0.70	≥ 0.70
STATIC COEFFICIENT OF FRICTION (DRY)	ASTM C-1028	(μ)	≥ 0.90	≥ 0.90	≥ 0.90
DCOF (WET)	ANSI B101.3		≥ 0.42	≥ 0.42	≥ 0.42
SHADE VARIATION			V1	V1	V1

GENERAL SPECIFICATIONS – POLISHED

DESCRIPTION	METHOD	UNIT	12" x 12" POLISHED	12" x 24" POLISHED	24" x 24" POLISHED
THICKNESS	EN ISO 10545-3	mm – in	9.3 mm – 3/8 in	9.3 mm – 3/8 in	9.3 mm – 3/8 in
WATER ABSORPTION	EN ISO 10545-3	(%)	≤ 0.5	≤ 0.5	≤ 0.5
DEEP ABRASION	EN ISO 10545-6	(mm ³)	109	109	117
SCRATCH HARDNESS		(Mohs)	7	7	7
BREAKING STRENGTH	EN ISO 10545-4	(lbf)	≥ 500	≥ 500	≥ 500
CHEMICAL RESISTANCE	EN ISO 10545-13	(GL)	Class A – Resistant	Class A – Resistant	Class A – Resistant
FROST RESISTANCE	EN ISO 10545-12		Resistant	Resistant	Resistant
STATIC COEFFICIENT OF FRICTION (WET)	ASTM C-1028	(μ)	≥ 0.60	≥ 0.60	≥ 0.60
STATIC COEFFICIENT OF FRICTION (DRY)	ASTM C-1028	(μ)	≥ 0.90	≥ 0.90	≥ 0.90
DCOF (WET)	ANSI B101.3		< 0.42	< 0.42	< 0.42
SHADE VARIATION			V1	V1	V1