



	Technical characteristics FLINT Thickness 0.3"	Typical Values	Expected Limit Values
	Water Absorption UNI EN ISO 10545-03	<= 0,5%	<= 0,5% UNI EN 14411 G
	Breaking strength UNI EN ISO 10545-04	> 1300 N	1300 N min UNI EN 14411 G
	Modulus of rupture UNI EN ISO 10545-04	> 35 N/mm ²	35 N/mm ² min UNI EN 14411 G
	Shock resistance UNI EN ISO 10545-05	e> 0,55 Restitution coeff.	Available test method UNI EN 14411 G
	Resistance to deep abrasion UNI EN ISO 10545-06	<= 175 mm ³	175 mm ³ max UNI EN 14411 G
	Linear thermal expansion UNI EN ISO 10545-08	7,1 (10-6° C-1)	Available test method UNI EN 14411 G
	Thermal shock resistance UNI EN ISO 10545-09	Resistant	Available test method UNI EN 14411 G
	Det. of moisture expansion UNI EN ISO 10545-10	0,0%	Available test method UNI EN 14411 G
	Frost resistance UNI EN ISO 10545-12	Resistant	Required UNI EN 14411 G
	Chemical resistance UNI EN ISO 10545-13	UA ULC - UHC	UB Min. - UNI EN 14411 G From ULA to ULC from UHA to UHC
	Stain resistance UNI EN ISO 10545-14	Class 5	Class 3 min UNI EN 14411 G
	Slip resistance DIN 51130	R 10	From R9 to R13 BGR 181
	Slip resistance barefoot DIN 51097	A + B + C	Available test method UNI EN 14411 G
	Static coefficient of friction C.O.F. ASTM C 1028	DRY 0,71 WET 0,74	
	Dynamic coefficient of friction D. C.O.F.	0,62	
	Shade Variation	Medium	

The data refers to first choice material in the natural version.



HAPPY FLOORS

I-Design Collection
www.Happy-Floors.com



FLINT
FULL BODY PORCELAIN

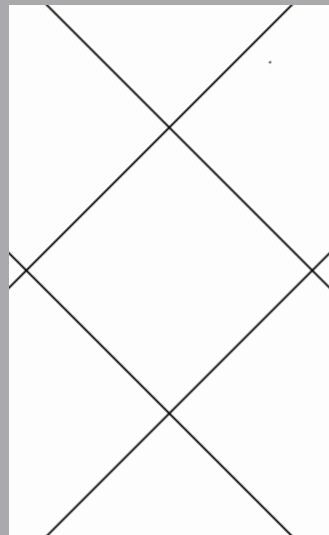


GROUT JOINT REQUIRED FOR RECTIFIED EDGE TILE

1/2 BROKEN JOINT NOT RECOMMENDED



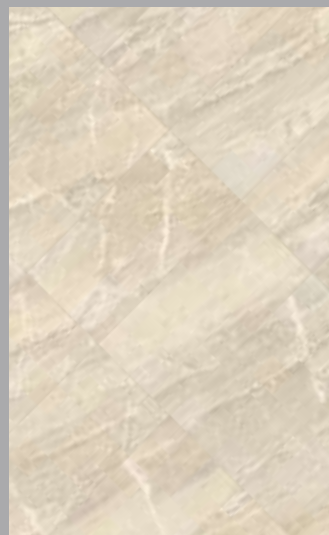
MANUFACTURE RECOMMENDS 1/3 OR LESS STAGGERED SPACING



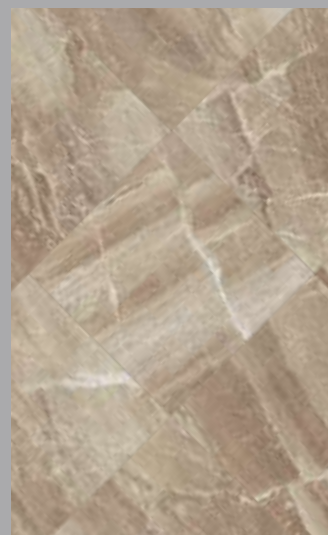
WHITE



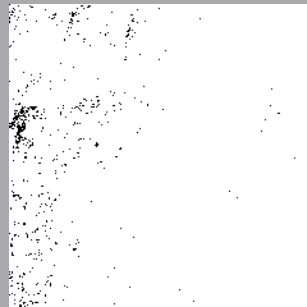
SILVER



IVORY



WALNUT



WHITE 24"x24" RECTIFIED EDGE



WHITE 12"x24" RECTIFIED EDGE



ICE mosaic
2"x2" MIX
Silver+White
(12"x12" sheet)



WHITE bullnose 2.8"x24"



SILVER 24"x24" RECTIFIED EDGE



SILVER 12"x24" RECTIFIED EDGE



ICE mosaic
2"x2" MIX
Silver+White
(12"x12" sheet)



SILVER bullnose 2.8"x24"



IVORY 24"x24" RECTIFIED EDGE



IVORY 12"x24" RECTIFIED EDGE



CREAM mosaic
2"x2" MIX
Walnut+Ivory
(12"x12" sheet)



IVORY bullnose 2.8"x24"



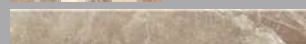
WALNUT 24"x24" RECTIFIED EDGE



WALNUT 12"x24" RECTIFIED EDGE



CREAM mosaic
2"x2" MIX
Walnut+Ivory
(12"x12" sheet)



WALNUT bullnose 2.8"x24"



WHITE



IVORY



SILVER



WALNUT

