



Technical Specifications Reference Standard	Test Results
 Water Absorption UNI EN ISO 10545-03	0.2% Bla
 Breaking Strength UNI EN ISO 10545-04	2470 N
 Modulus of Rupture UNI EN ISO 10545-04	44 N/mm ²
 Shock Resistance UNI EN ISO 10545-05	Not required
 Resistance to Deep Abrasion UNI EN ISO 10545-06	Not required
 Thermal Linear Expansion UNI EN ISO 10545-08	Not required
 Thermal Shock Resistance UNI EN ISO 10545-09	6,3 · 10-6 /°C
 Moisture Expansion UNI EN ISO 10545-10	Complies with the standard
 Frost Resistance UNI EN ISO 10545-12	Complies with the standard
 Chemical Resistance UNI EN ISO 10545-13	Domestic Chemical Products: GA Acids and Alkalis: GLA-GHA
 Stain Resistance UNI EN ISO 10545-14	CLASS 5
 PEI Rating (Scratch Resistance) ASTM C 1027	Glacier 4 - Pearl, Anthracite, Taupe 3
 Static Coefficient of Friction (COF) ASTM C 1028	DRY: >0.60 WET: >0.60
 Dynamic Coefficient of Friction (DCOF) ANSI A137.1	>0.62
 Shade Variation Not Available	V2 MEDIUM
 Thickness Not Available	24"x48" 0.41" 12"x24" 0.40" 24"x24" 0.40"
 Number of Screens Not Available	24"x48" 5 Scrs 12"x24" 20 Scrs 24"x24" 10 Scrs

IMPORTANT
Please not that fixing in a 50% staggered configuration is not recommended.
We suggest the follow

NO 50%

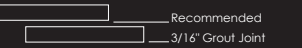


YES 15%

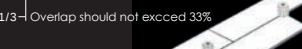


**GROUT JOINT REQUIRED FOR RECTIFIED EDGE TILE,
1/2 BROKEN JOINT NOT RECOMMENDED**

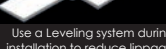
INSTALLATION TIPS



Recommended
3/16" Grout Joint



1/3 - Overlap should not exceed 33%



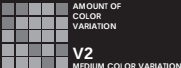
Use a Leveling system during installation to reduce lippage



HAPPY FLOORS



I-Design
Collection



IRON

PORCELAIN



GLACIER

ANTHRACITE

IRON

PORCELAIN

Glacier



24"x48"
RECTIFIED EDGE



12"x24"
RECTIFIED EDGE



24"x24"
RECTIFIED EDGE

3"x24" Bullnose



2"x2" Mosaic
12"x12" Sheet

Pearl



24"x48"
RECTIFIED EDGE



12"x24"
RECTIFIED EDGE



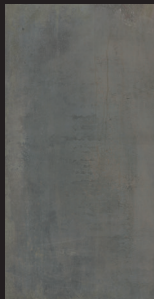
24"x24"
RECTIFIED EDGE

3"x24" Bullnose

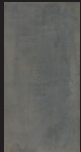


2"x2" Mosaic
12"x12" Sheet

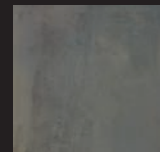
Taupe



24"x48"
RECTIFIED EDGE



12"x24"
RECTIFIED EDGE



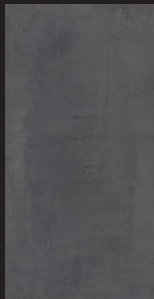
24"x24"
RECTIFIED EDGE

3"x24" Bullnose



2"x2" Mosaic
12"x12" Sheet

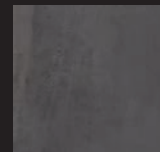
Anthracite



24"x48"
RECTIFIED EDGE



12"x24"
RECTIFIED EDGE



24"x24"
RECTIFIED EDGE

3"x24" Bullnose



2"x2" Mosaic
12"x12" Sheet

GROUT JOINT REQUIRED FOR RECTIFIED EDGE TILE,
1/2 BROKEN JOINT NOT RECOMMENDED



PEARL



TAUPE