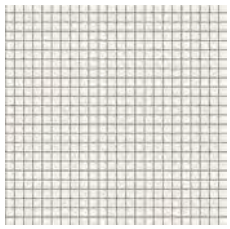
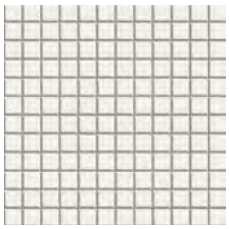
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OPEN SPACE

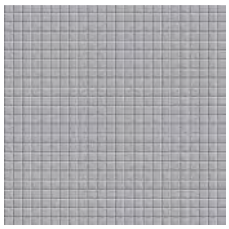


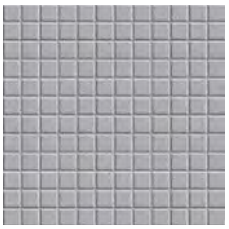
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COLORS

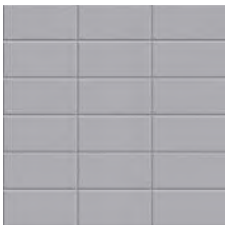

01 CALCITE
1/2 x 1/2

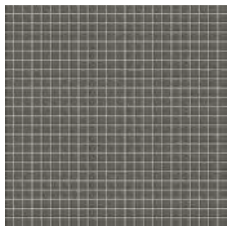

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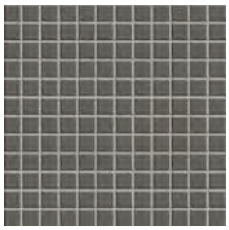

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2 x 4

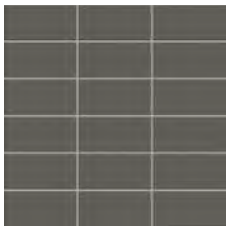

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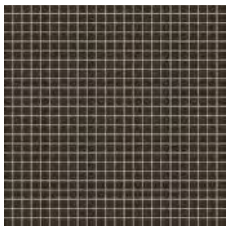

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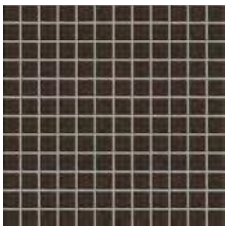

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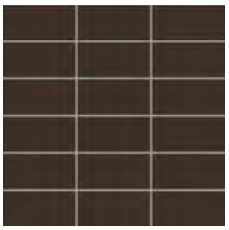

03 EMATITE
1/2 x 1/2

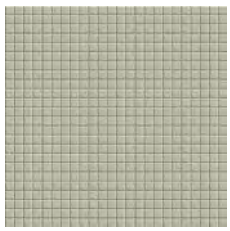

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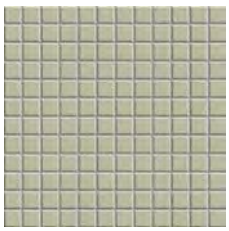

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2 x 4

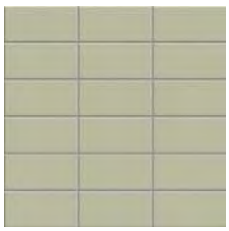

04 RUTILE
1/2 x 1/2


04 RUTILE
1 x 1

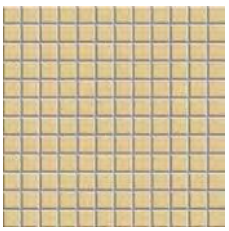

04 RUTILE
2 x 4


06 VANADIO
1/2 x 1/2

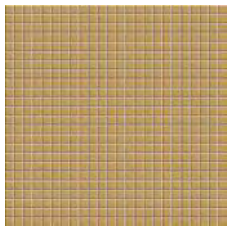

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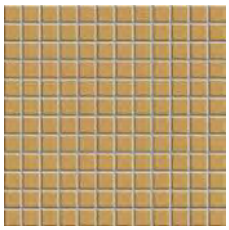

06 VANADIO
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07 ZIRCONIO
1/2 x 1/2

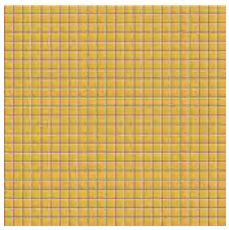

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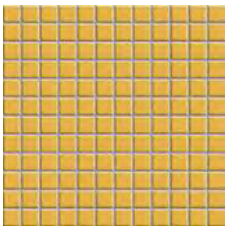

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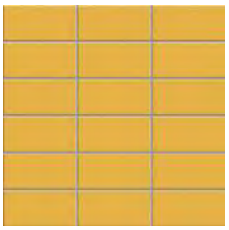

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1/2 x 1/2

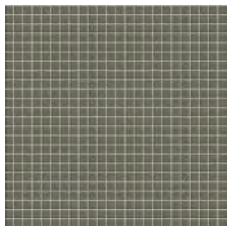

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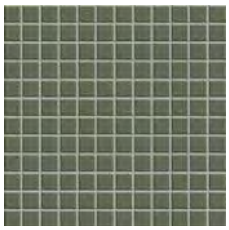

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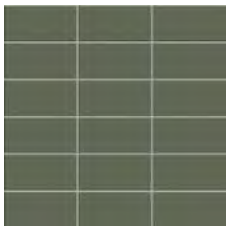

09 SIDERITE
1/2 x 1/2

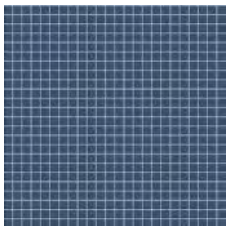

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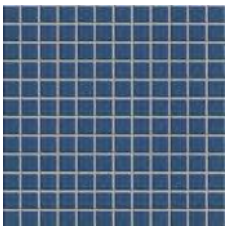

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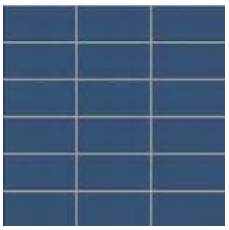

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1/2 x 1/2

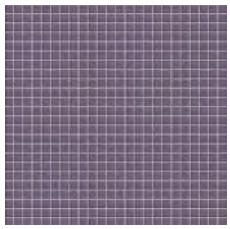

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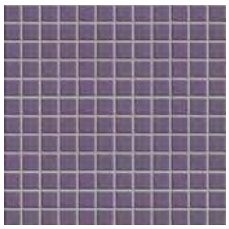

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2 x 4

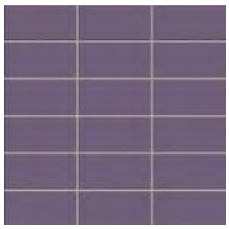

12 AZZURRITE
1/2 x 1/2

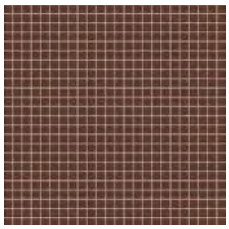

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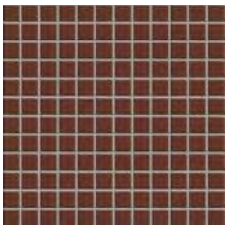

12 AZZURRITE
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11 PIRROTINA
1/2 x 1/2


11 PIRROTINA
1 x 1

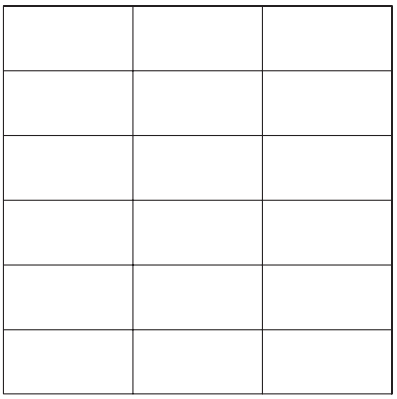

11 PIRROTINA
2 x 4


10 FERRO
1/2 x 1/2

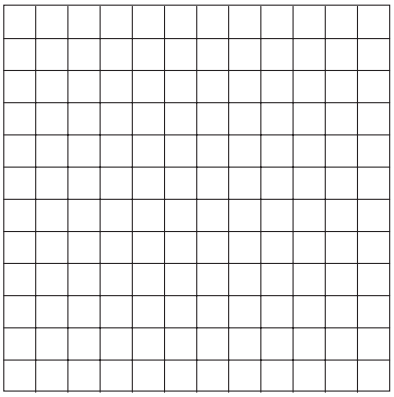

10 FERRO
1 x 1


10 FERRO
2 x 4

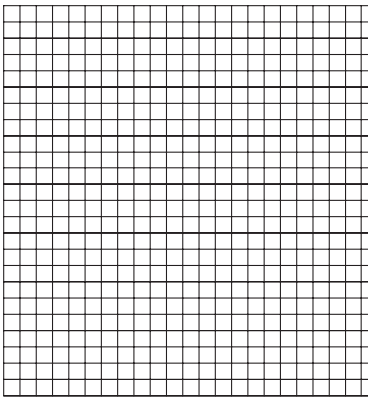
OPEN SPACE
SIZES



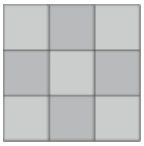
2x4 on 12x12 mesh



1x1 on 12x12 mesh



.5x.5 on 12x12 mesh



V1

Uniform Appearance



TECHNICAL INFORMATION

SURFACE DIMENSIONS AND QUALITIES	STANDARD	TOLERANCES	RESULTS
NET MOUNTED / SIDES	ISO 10545-2	SIDES	± 0.2% ± 4%
SURFACE QUALITIES	ISO 10545-2	< 95%	< 95%
STRAIGHTNESS OF EDGES	ISO 10545-2	± 0.5%	± 0.4%
SQUARENESS	ISO 10545-2	± 0.6%	± 0.4%
FLATNESS	ISO 10545-2	± 0.5%	± 0.4%
PHYSICAL PROPERTIES		REQUIRED CONDITIONS	
WATER MASS ABSORBED IN %	ISO 10545-3 ASTM C373	0.5% < E ≤ 3% APPENDICE H	≤ 1% < 3% class P2
BREAKING STRENGTH IN N BREAKING STRENGTH IN LBS.	ISO 10545-4 ASTM C648	700 MIN. APPENDICE H ≥ 250 LB	> 1800 > 250 LB
BENDING STRENGTH IN N/mm²	ISO 10545-4	30 MIN. APPENDICE H	> 50 N/mm²
IMPACT RESISTANCE	ISO 10545-5	TESTING METHOD AVAILABLE	> 0.6 (APPENDICE P)
ABRASION RESISTANCE	ISO 10545-7	INDICATED BY PRODUCER	SEE COLOR NOTES
COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	TESTING METHOD AVAILABLE	< 5x10⁻ /°C
THERMAL SHOCK RESISTANCE	ISO 10545-9 ASTM C484	TESTING METHOD AVAILABLE	GUARANTEED
MOISTURE EXPANSION	ISO 10545-10	TESTING METHOD AVAILABLE	< 0.04%
CRAZING RESISTANCE	ISO 10545-11 ASTM C424	REQUIRED	GUARANTEED
FROST RESISTANCE	ISO 10545-12 ASTM C1026	REQUIRED	GUARANTEED
COEFFICIENT OF FRICTION (SLIPPERINESS)	B.C.R.A.	> 0.40	
COEFFICIENT OF FRICTION	DIN 51130	25x25 mm / 1”x1” 12x12mm / .5”x.5”	R9 (10.5°) R10 (14.1°)
COEFFICIENT OF FRICTION (INCLUDING INCLINE)	DIN 51097	25x25 mm / 1”x1” 12x12mm / .5”x.5”	B (A+B) / (25.6°) B (A+B) / (24.2°)
CHEMICAL PROPERTIES		REQUISITES	
RESISTANCE TO CHEMICAL PRODUCTS (HOUSEKEEPING AND SWIMMING POOL ADDITIVES)	ISO 10545-13 ASTM C650	GB MIN. INDICATED BY PRODUCER	GB MIN. GUARANTEED
RESISTANCE TO DILUTED ACID AND ALKALI SOLUTIONS	ISO 10545-13	INDICATED BY PRODUCER	GLB MIN.
RESISTANCE TO HIGHLY CONCENTRATED ACID AND ALKALI SOLUTIONS	ISO 10545-13	TESTING METHOD AVAILABLE	ON REQUEST
STAIN RESISTANCE	ISO 10545-14 ASTM C1378	CLASS 3 MIN. REQUIRED	3 MIN. (APPENDICE P) GUARANTEED
LEAD AND CADMIUM RELEASED	ISO 10545-15	TESTING METHOD AVAILABLE	ON REQUEST
RESISTANCE OF COLOURS TO SUNLIGHT	DIN 51094	NOT PROVIDED	GUARANTEED
FIRE RESISTANCE	-	DECISION 96/603/CE	CLASS A1

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