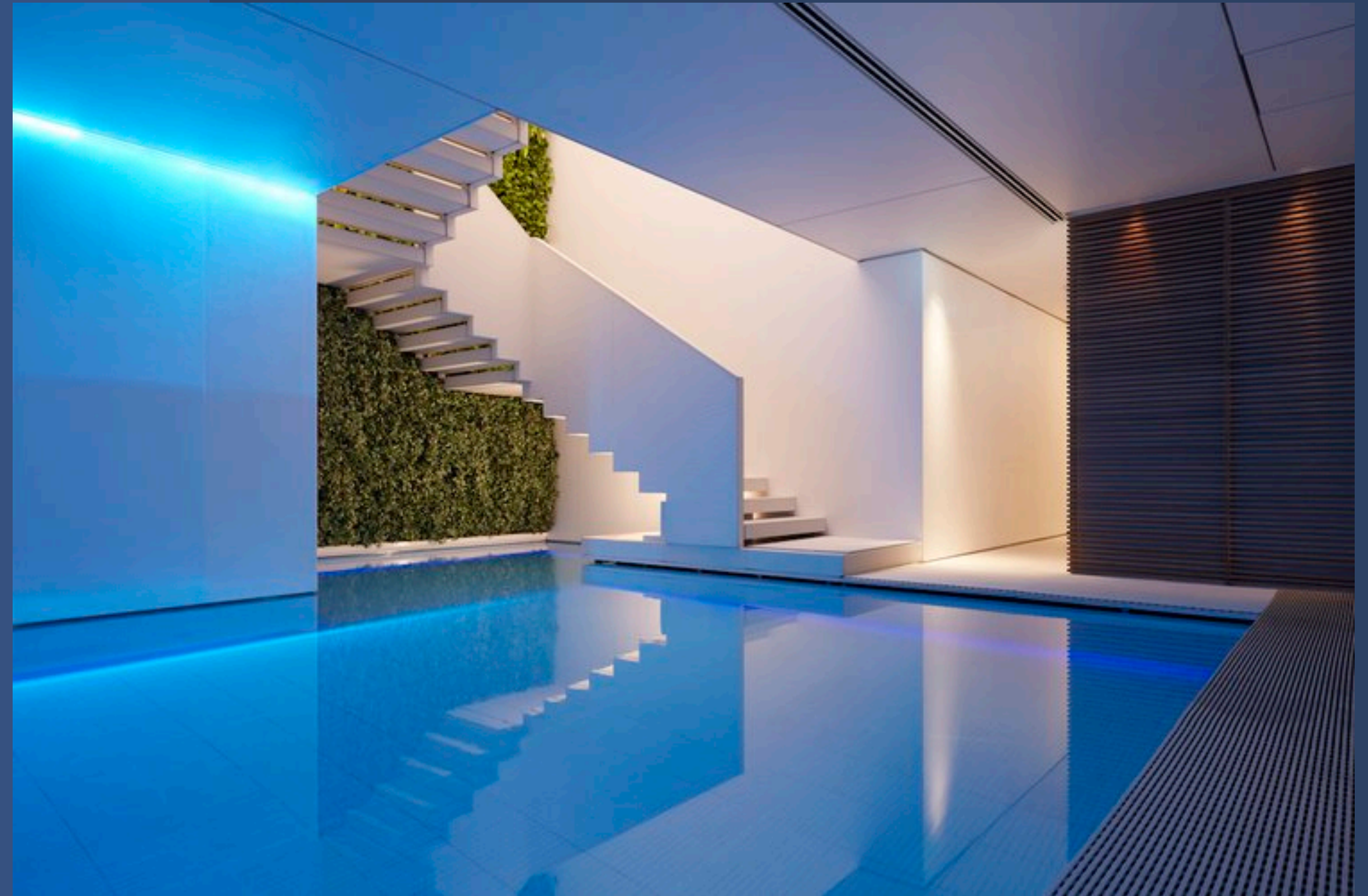


STONEGRES

DIVA

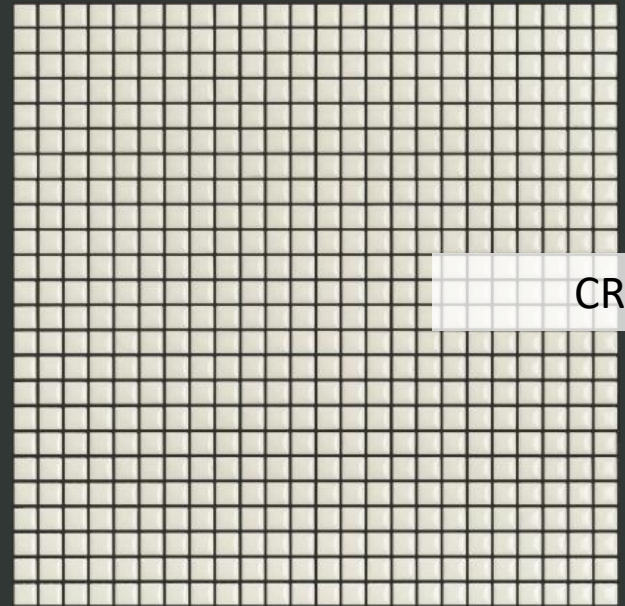


Irresistible beauty.

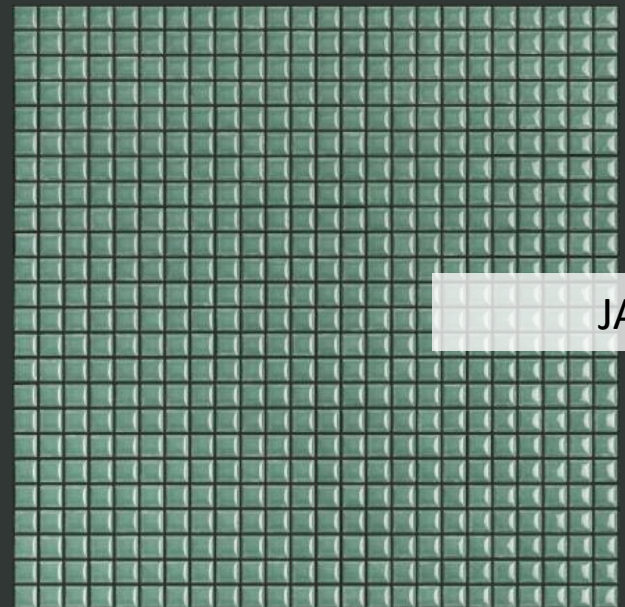
The accentuated rounded edges of the single-press firing tesserae and the high gloss finishing of their glazed surface make "Diva" a mosaics collection unique for its colour intensity.

PLUM

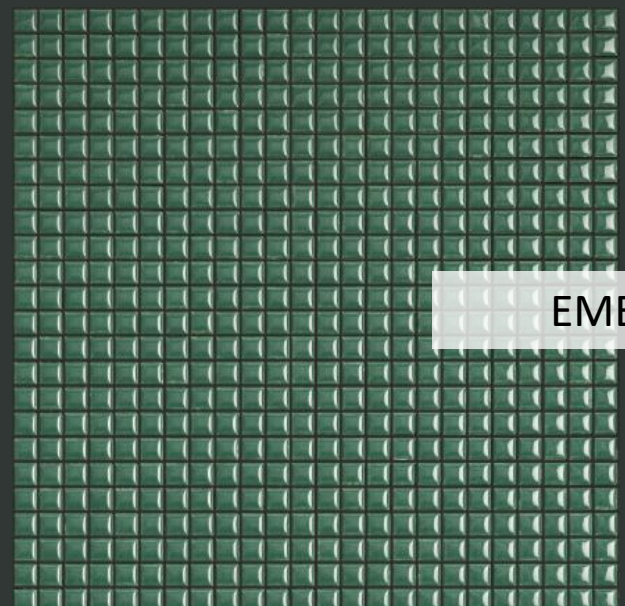




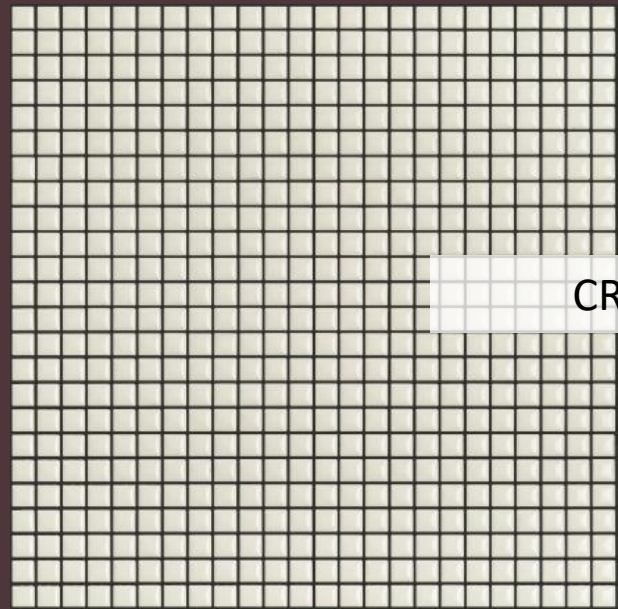
CREAM



JADE

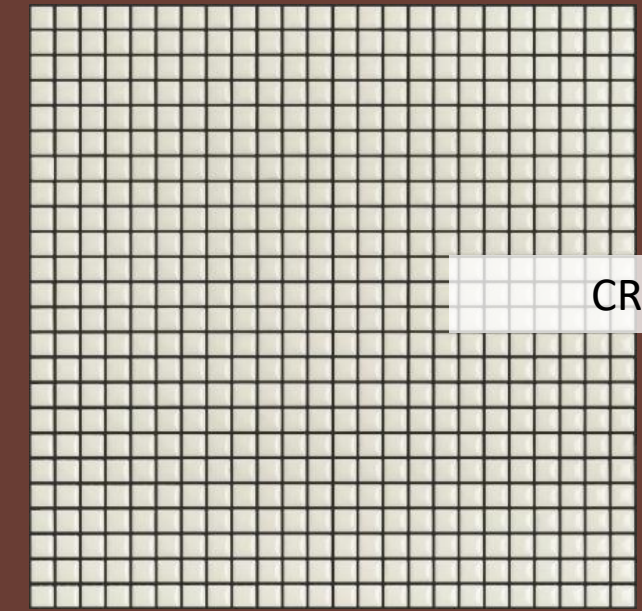


EMERALD

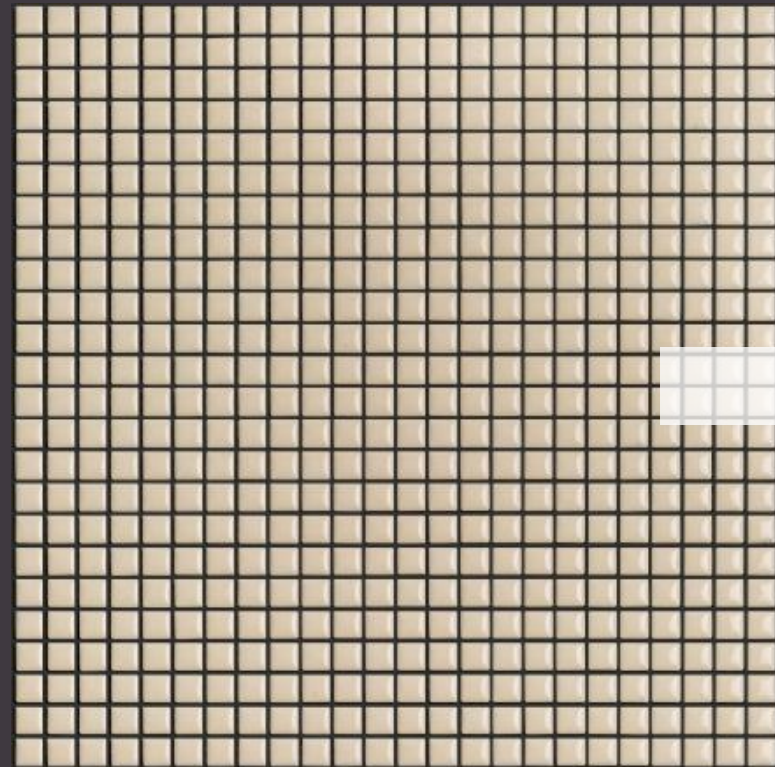


CREAM

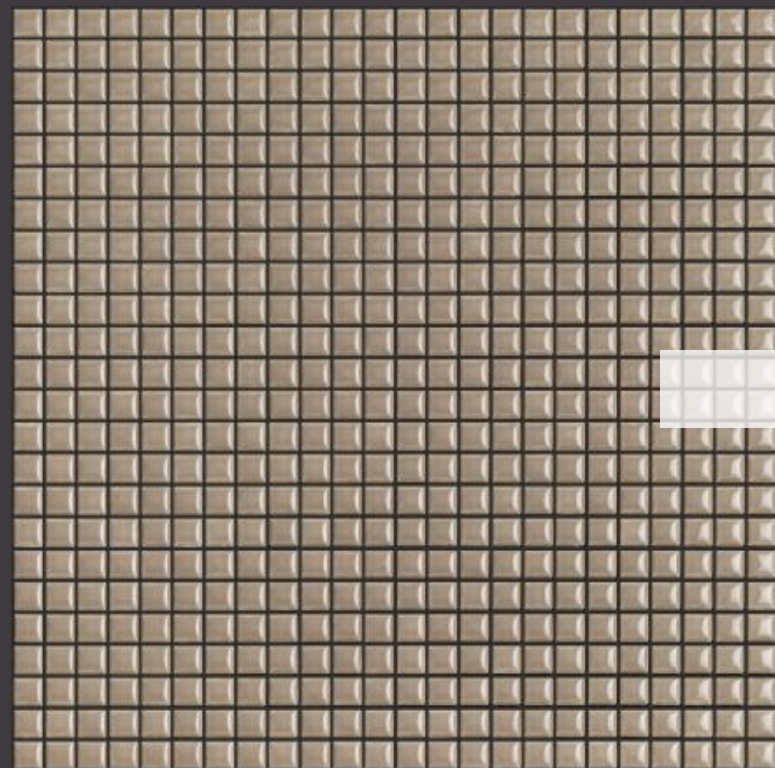




CREAM



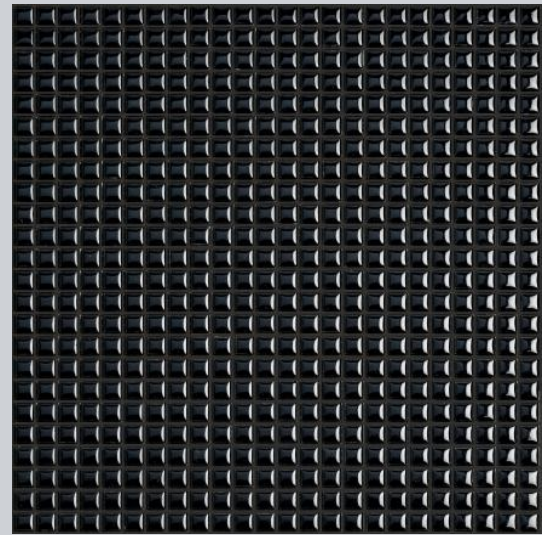
IVORY



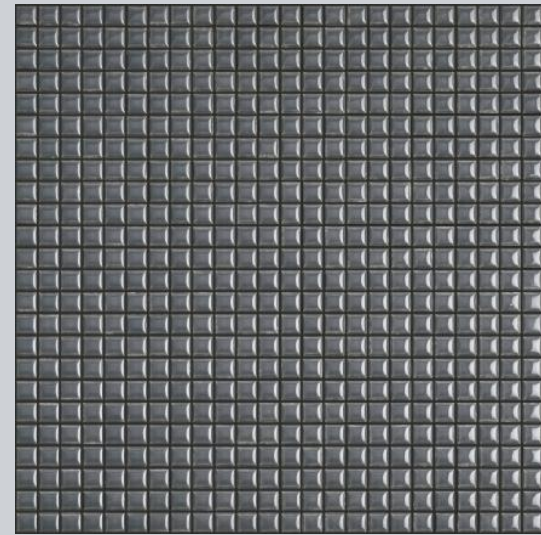
SAND



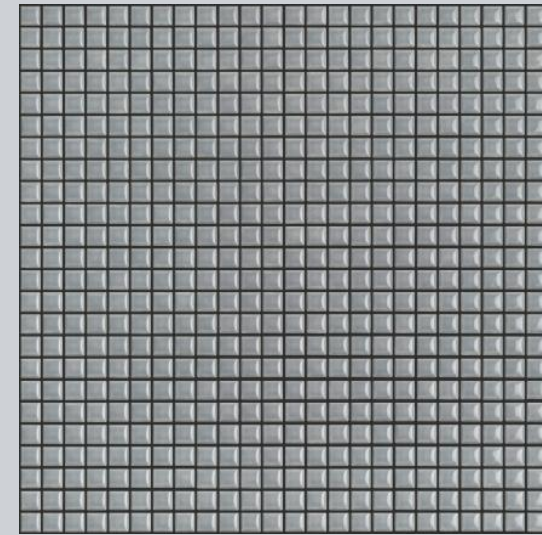
COLOURS



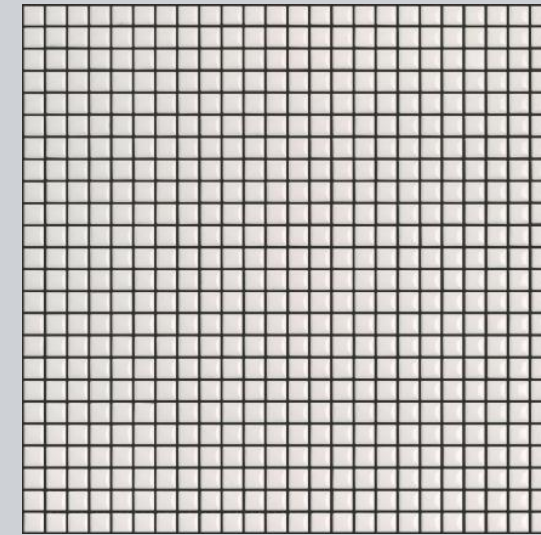
black
DIV4004



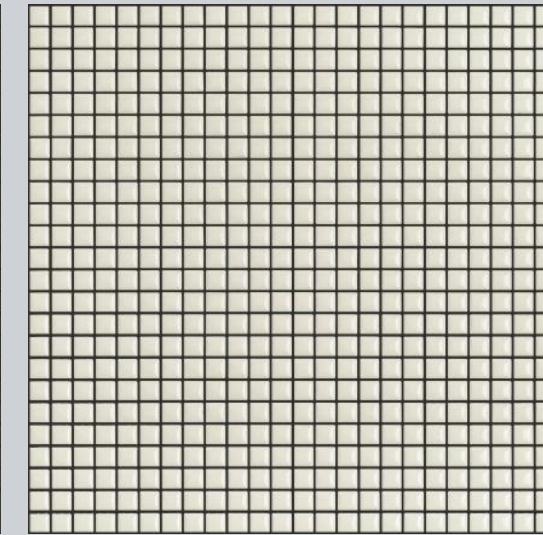
dark grey
DIV 4003



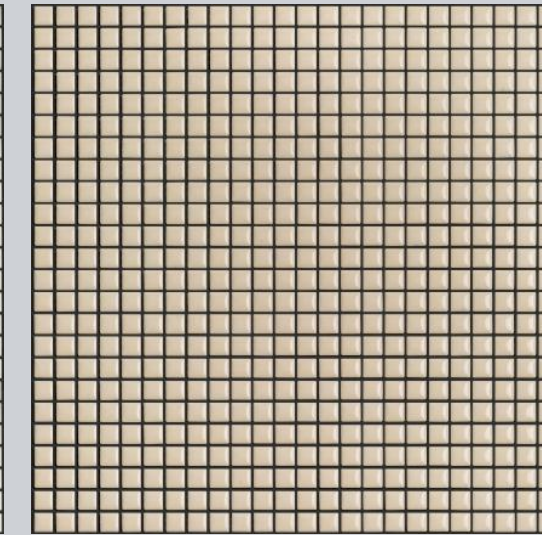
light grey
DIV 4002



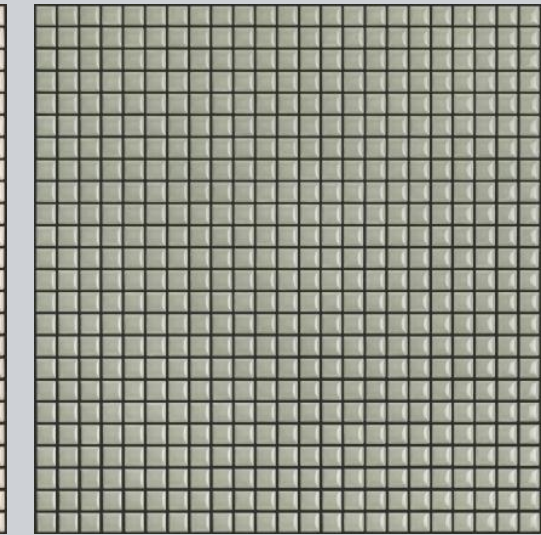
snow
DIV 4001



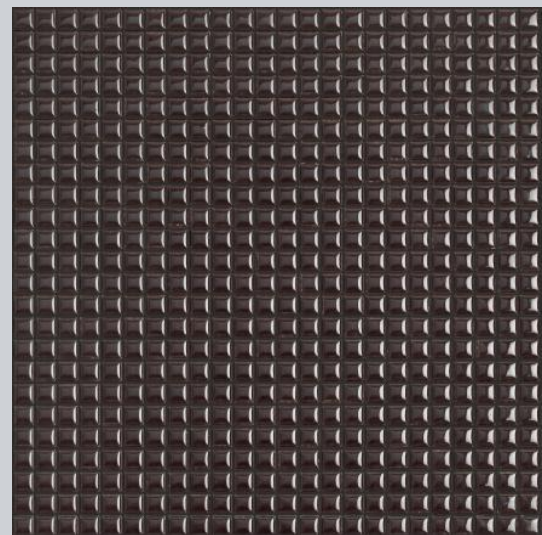
cream
DIV 4005



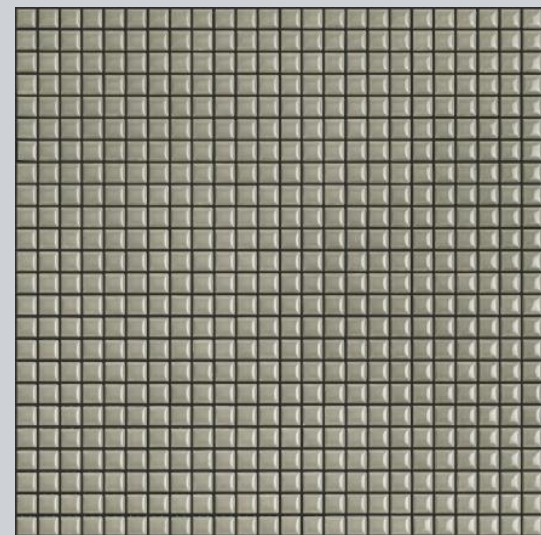
ivory
DIV 4006



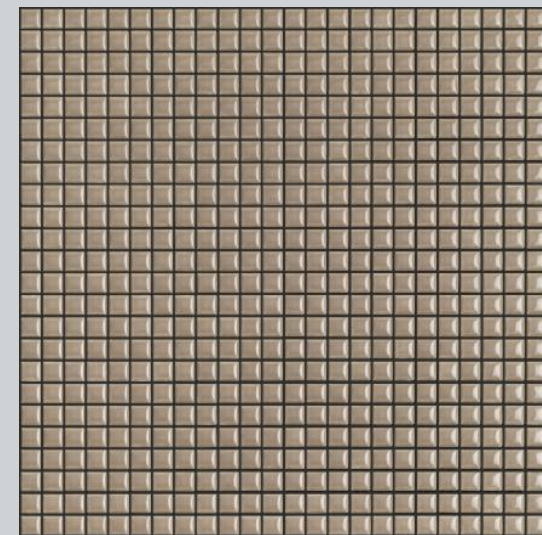
linen
DIV 4007



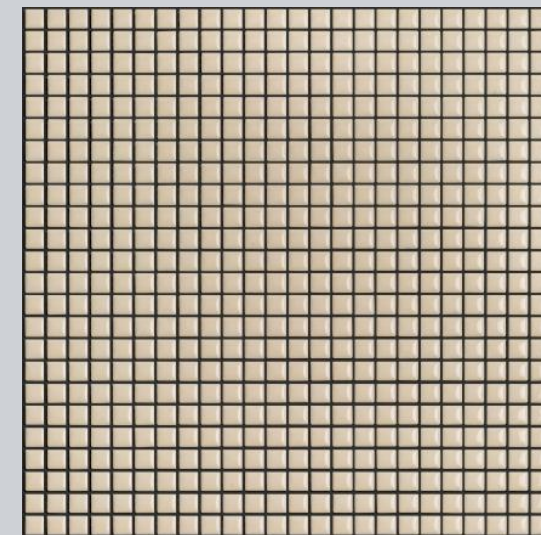
coffee
DIV 4012



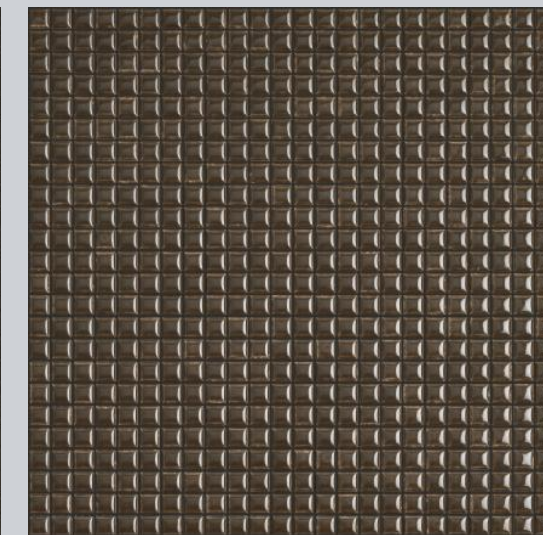
taupe
DIV 4008



sand
DIV 4009



havana
DIV 4010



brown
DIV 4011



olive
DIV 4013



emerald
DIV 4014

sheet size 300 x 300 mm (net mounted)

mosaic size 12 x 12 mm

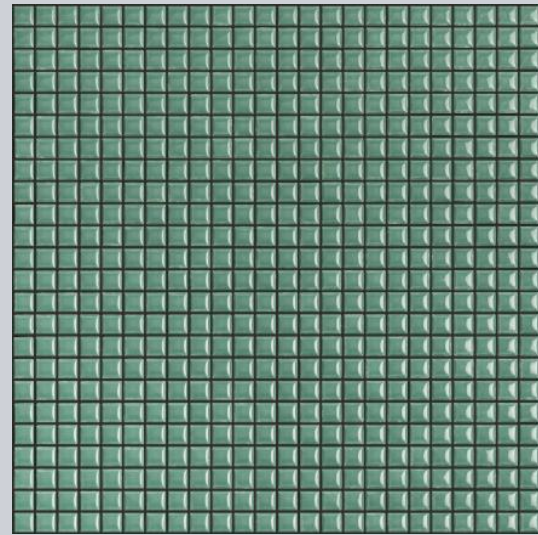
abrasion coefficient:

(PEI) II COFFEE | BROWN | EMERALD

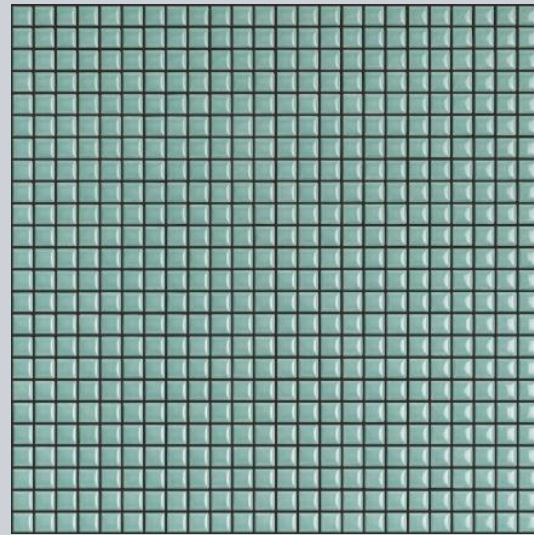
(PEI) III DARK GREY | LIGHT GREY | LINEN | TAUPE | SAND | HAVANA | OLIVE

(PEI) V SNOW | CREAM | IVORY |

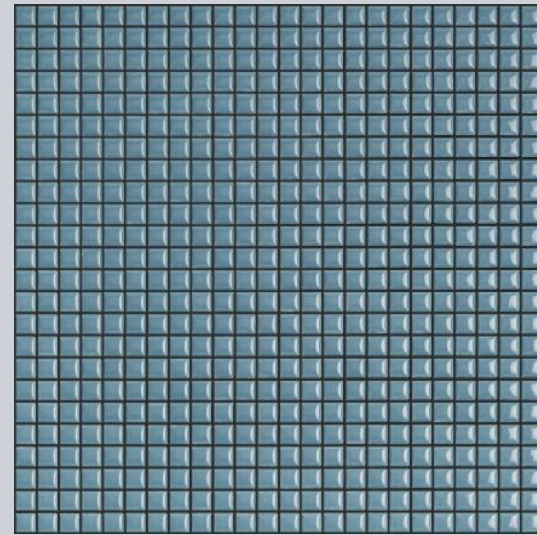
COLOURS



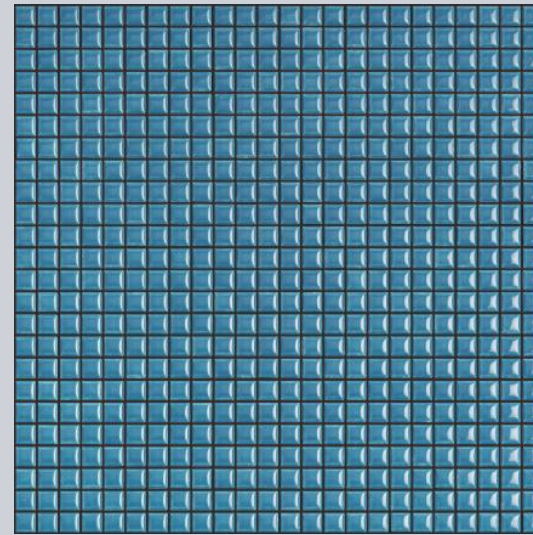
jade
DIV 4015



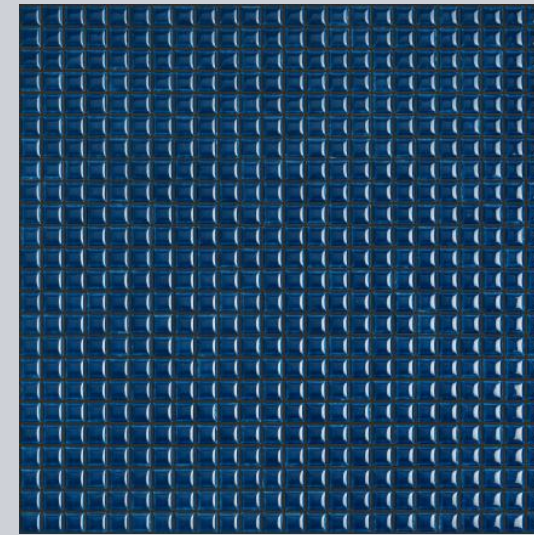
aquamarine
DIV 4016



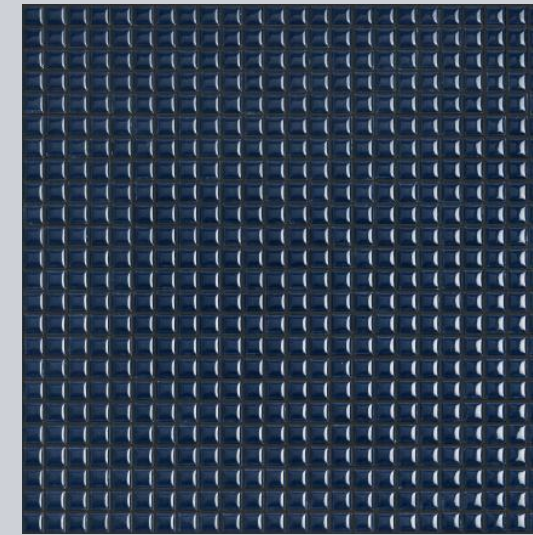
aviation blue
DIV 4017



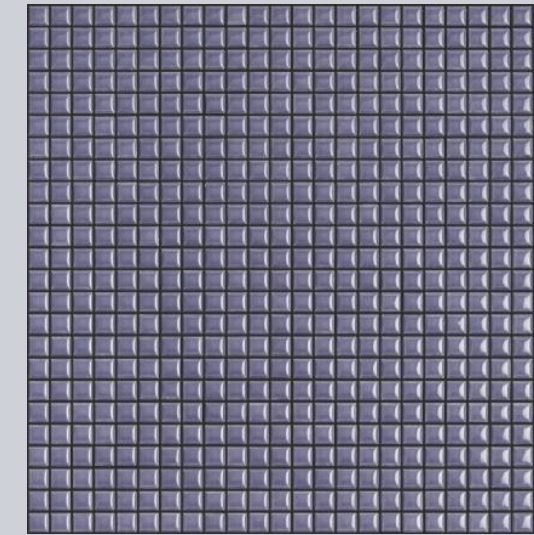
turquoise
DIV 4018



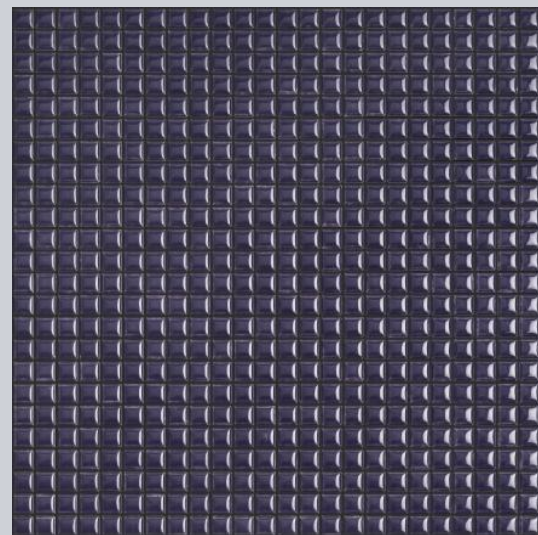
royal blue
DIV 4019



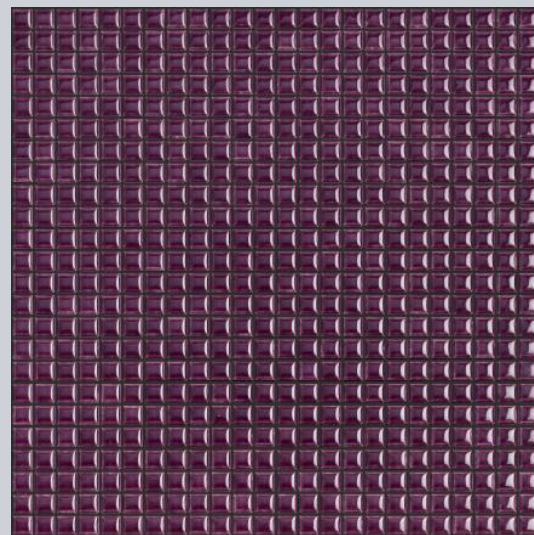
dark blue
DIV 4020



violet
DIV 4021



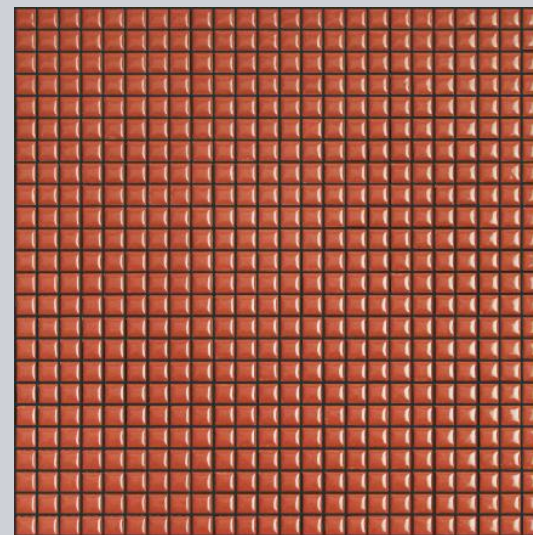
plum
DIV 4022



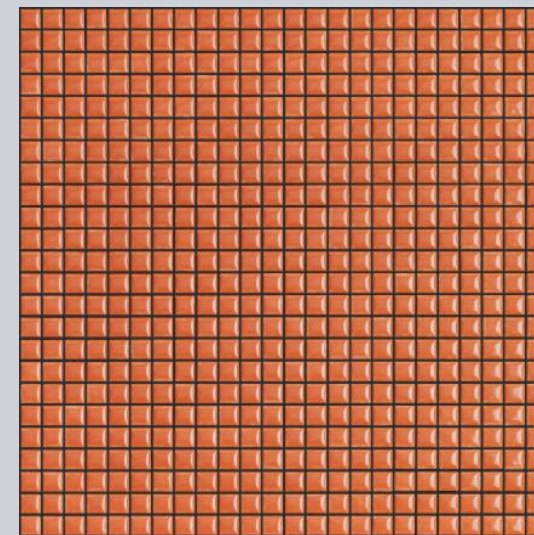
purple
DIV 4023



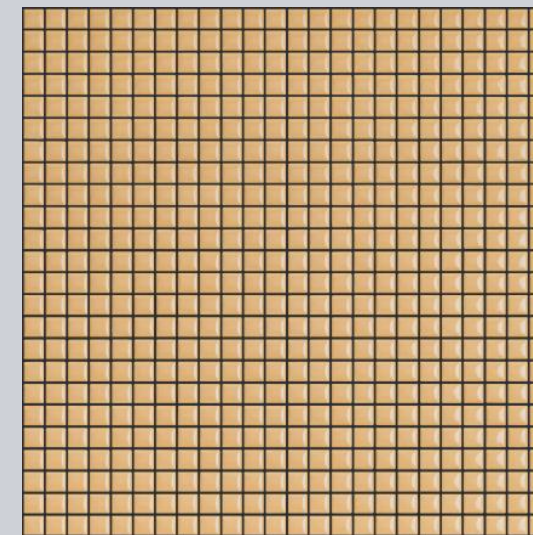
burgundy
DIV 4024



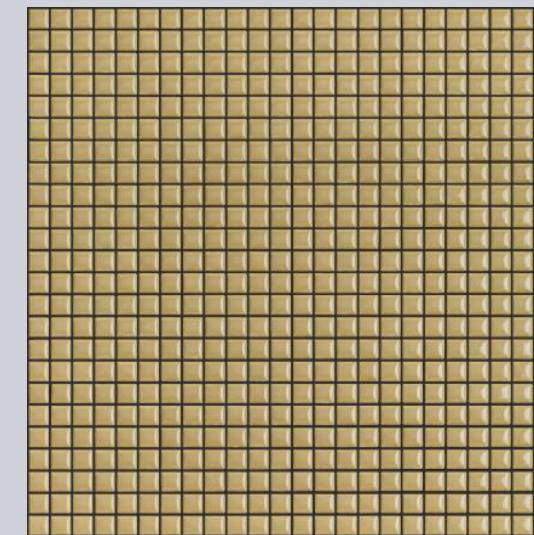
coral
DIV 4025



orange
DIV 4026



orange yellow
DIV 4027



mustard
DIV 4028

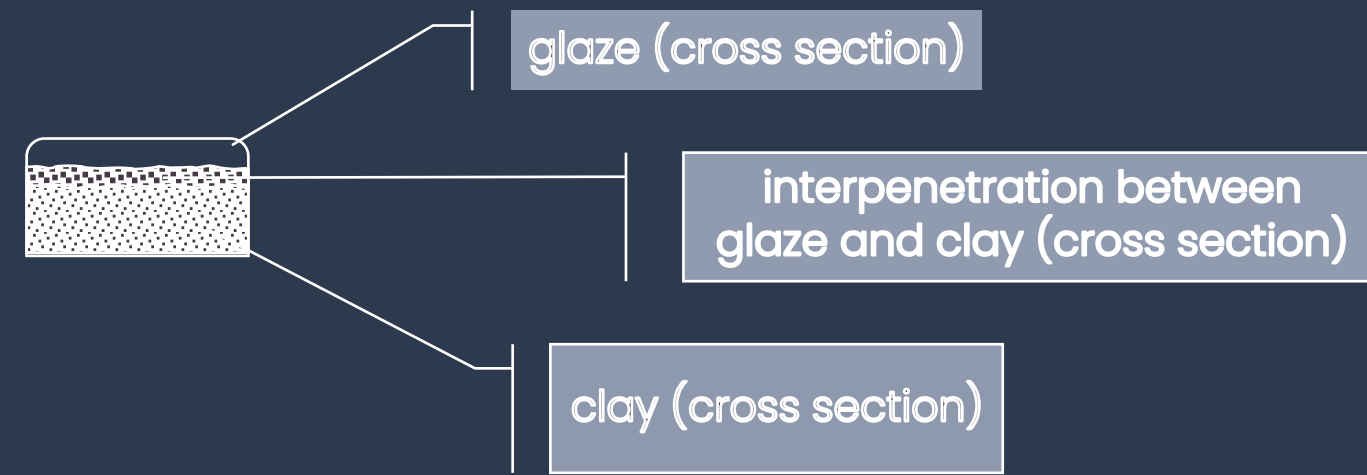
sheet size 300 x 300 mm (net mounted)

mosaic size 12 x 12 mm

abrasion coefficient:

(PEI) II ROYAL BLUE | DARK BLUE | PLUM | BURGUNDY |

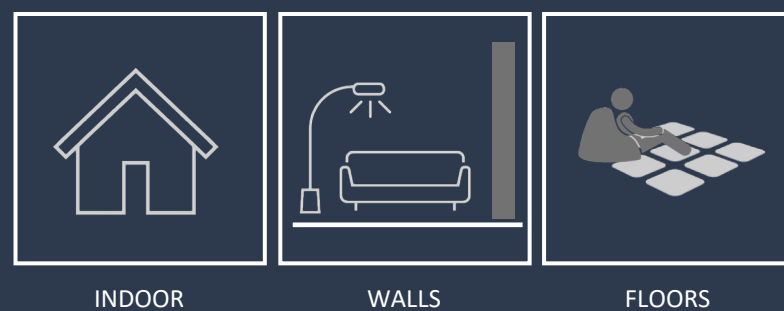
(PEI) III JADE | AQUAMARINE | AVIATION BLUE | TURQUOISE | VIOLET | PURPLE | CORAL | ORANGE | ORANGE YELLOW | MUSTARD



The mosaics are supplied mesh mounted with a 1.6 mm joint on fiberglass mesh sheets sized 300x300 mm, except for mosaic size 12x12 mm which is supplied mesh mounted with a 1.1 mm joint.

The mosaics are 7.2 mm thick. The flatness of the ceramic mosaic tiles and the slight rounding of the edges makes the product smooth and pleasant to touch, also facilitating hygiene maintenance.

application





CERAMIC MOSAICS GRIP

Maximum contact surface for gluing -
 Glue can be spread all over the tile - Glue adheres completely, forming a single body with the stoneware surface - Will not come away over time

JOINT FILLING

Fills the whole joint and glue adheres perfectly, because the spaces are even and wide enough - Filler is compact, guaranteeing the hold of the tesserae in water and ensuring they do not come away

SIDES AND THICKNESS

Perpendicular sides and slightly rounded glazed surface - Maximum mechanical hold thanks to the "spike" effect of the filler - Excellent resistance to lateral thrust

WARPAGE

Even surface - Pleasant to the touch

TRANSPARENCY

Totally opaque glaze - Colour remains stable over time

CLEANING AND HYGIENE

Even surface - Glaze does not retain dirt - Total hygiene - Easy to clean



GLASS MOSAICS GRIP

Limited contact surface for gluing - Adheres with difficulty due to vinyl glue residue on the back of the tesserae -
 glassy surface repels the adhesive - Risk of the tesserae coming away over time

JOINT FILLING

Difficult to fill the whole joint because of the small, uneven spaces - Filler tends to partially erode if submerged in water where algae form; possibility of the tesserae coming away

SIDES AND THICKNESS

Slanted sides with the joint thrusting outwards - Minimum lateral hold of the joint - Considerable reduction in mechanical hold

WARPAGE

Uneven surface - Unpleasant to the touch

TRANSPARENCY

Loss of brightness - Change in colour

CLEANING AND HYGIENE

Uneven surface - Dirt takes hold - Minimum hygiene - Difficult to clean

| | NORM | | |
|-------|----------|----------|------------|
| | DIN51130 | DIN51097 | |
| | | | 12 x 12 mm |
| DIV01 | - | A | DIV4001 |
| DIV02 | - | A | DIV4002 |
| DIV03 | - | A | DIV4003 |
| DIV04 | - | A | DIV4004 |
| DIV05 | - | A | DIV4005 |
| DIV06 | - | A | DIV4006 |
| DIV07 | - | A | DIV4007 |
| DIV08 | - | A | DIV4008 |
| DIV09 | - | A | DIV4009 |
| DIV10 | - | A | DIV4010 |
| DIV11 | - | A | DIV4011 |
| DIV12 | - | A | DIV4012 |
| DIV13 | - | A | DIV4013 |
| DIV14 | - | A | DIV4014 |

| | NORM | | |
|-------|----------|----------|------------|
| | DIN51130 | DIN51097 | |
| | | | 12 x 12 mm |
| DIV15 | - | A | DIV4015 |
| DIV16 | - | A | DIV4016 |
| DIV17 | - | A | DIV4017 |
| DIV18 | - | A | DIV4018 |
| DIV19 | - | A | DIV4019 |
| DIV20 | - | A | DIV4020 |
| DIV21 | - | A | DIV4021 |
| DIV22 | - | A | DIV4022 |
| DIV23 | - | A | DIV4023 |
| DIV24 | - | A | DIV4024 |
| DIV25 | - | A | DIV4025 |
| DIV26 | - | A | DIV4026 |
| DIV27 | - | A | DIV4027 |
| DIV28 | - | A | DIV4028 |

BOND STRENGTH TESTING

this method covers the determination of the ability of mosaic to be bonded to paste under controlled conditions

Tests are carried out according to approved standards

ASTM C 482-02 (R2009)

| material tested | bond strength of ceramic tile |
|---|-------------------------------|
| ceramic mosaic 12x12 mm with back-mounted fiberglass mesh | 6.9 |
| ceramic mosaic 25x25 mm with back-mounted fiberglass mesh | 2.8 |

NOTE

higher is the indicated value, better is the bond strength

UNDERFLOOR HEATING

mosaics are suitable for laying on underfloor heating systems, complying with the following requirements:-


- o reduced thickness in single-press firing (7.2mm)
- o good thermal conductivity of ceramic material
- o minimum amount of glue required for laying
- o use of cement-based grouts for filling

following these requirements will ensure the effective technical performance of the system, ensuring the optimal passage of heat and maintaining an ideal temperature in the room, whilst making the floor comfortable to the touch.











ISO: DIVA

Single press-firing

glazed ceramic tiles, dry pressed with low water absorption
 0.5% < E ≤ 3% - group B I b - M - GL - EN 14411 appendix H






| | | standard | tolerances | results |
|--|-------------------------|----------------|------------|---------|
|  <p>SURFACE DIMENSIONS & QUALITIES</p> | sides 298.4X298.4 mm | EN ISO 10545-2 | ± 0.5% | ± 0.2% |
| | thickness 7.2 mm | EN ISO 10545-2 | ± 5% | ± 4% |
| | straightness of edges | EN ISO 10545-2 | ± 0.5% | ± 0.4% |
| | squareness | EN ISO 10545-2 | ± 0.6% | ± 0.4% |
| | surface qualities | EN ISO 10545-2 | < 95% | < 95% |
| | surface flatness | EN ISO 10545-2 | ± 0.5% | ± 0.4% |

Single press-firing


| physical properties | standard | requirements | results |
|--|--------------|--------------------------|--------------------------|
|  WATER ABSORPTION ISO 10545-3 | ISO 10545-3 | 0.5% < E ≤ 3% appendix H | ≤ 1% |
|  BREAKING STRENGTH IN N ISO 10545-4 | ISO 10545-4 | 700 min. appendix H | > 1800 |
|  FLEX RESISTANCE ISO 10545-4 | ISO 10545-4 | 30 min. appendix H | > 50 N/mm ² |
|  IMPACT RESISTANCE ISO 10545-5 | ISO 10545-5 | testing method available | > 0.6 (appendix P) |
|  ABRASION RESISTANCE ISO 10545-7 | ISO 10545-7 | indicated by producer | see colours notes |
|  COEFFICIENT OF THERMAL LINEAR EXPANSION ISO 10545-8 | ISO 10545-8 | testing method available | < 7·10 ⁻⁶ /°C |
|  THERMAL SHOCK RESISTANCE ISO 10545-9 | ISO 10545-9 | testing method available | guaranteed |
|  MOISTURE EXPANSION ISO 10545-10 | ISO 10545-10 | testing method available | < 0.04% |
|  CRAZING RESISTANCE ISO 10545-11 | ISO 10545-11 | required | guaranteed |
|  FROST RESISTANCE ISO 10545-12 | ISO 10545-11 | required | guaranteed |

ISO: DIVA


Single press-firing

| chemical properties | standard | requirements | results |
|--|--|--------------------------|--------------------|
|  <p>CHEMICAL RESISTANCE ISO 10545-13</p> | EN ISO 10545-13 | | |
| | resistance to chemical products for housekeeping & to the additives used in swimming pools | GB min | GB min |
| | resistance to diluted acid & alkali solutions | indicated by producer | GLB min |
| | resistance to highly concentrated acid & alkali solutions | testing method available | on request |
|  <p>FIRE RESISTANCE</p> | | decision 96/603/CE | class A1 |
|  <p>STAIN RESISTANCE ISO 10545-14</p> | EN ISO 10545-14 | class 3 min. | 3 min (appendix P) |
|  <p>LEAD & CADMIUM DISCHARGE ISO 10545-15</p> | EN ISO 10545-15 | testing method available | on request |
|  <p>RESISTANCE OF COLOURS TO SUNLIGHT DIN 51094</p> | DIN 51094 | not envisaged | guaranteed |

CLASSIFICATION

|  ASSESSMENT OF SLIP RESISTANCE | standard | requisites | classification group |
|---|--------------------------------|------------|----------------------|
| | DIN 51130 (feet with shoes on) | 6° ÷ 10° | R9 |
| | | 10° ÷ 19° | R10 |
| | | 19° ÷ 27° | R11 |
| | | 27° ÷ 35° | R12 |
| | | > 35° | R13 |
| | DIN 51097 (feet with shoes on) | < 12° | 0 |
| | | ≥ 12° | A |
| | | ≥ 18° | B |
| ≥ 24° | | C | |

DIVA

|  ASSESSMENT OF SLIP RESISTANCE | standard | nominal shape | requisites | results |
|---|--------------------|---------------|------------|---------|
| | ANSI A137.1 (DCOF) | 25x25 mm | > 0.42 | 0.6 |
| | ANSI A137.1 (DCOF) | 12x12 mm | > 0.42 | 0.52 |

DIVA



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