

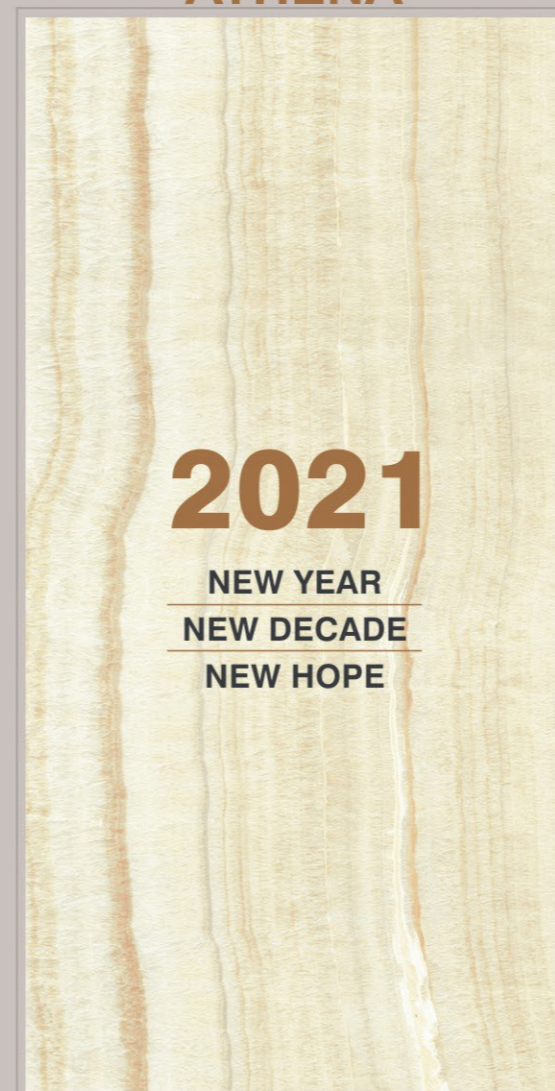
UNIHOPE
COLLECTION

BY:



Grow Together with Clay Creations

ATHENA





Digital Printing + Random Design Eco Friendly

UNIHOPE
COLLECTION

300x600mm



ATHENA BEIGE

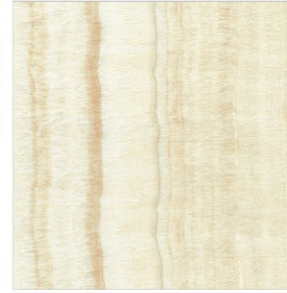


R-1 R-2 R-3 R-4 R-5 R-6 R-7 R-8



R-9 R-10 R-11 R-12 R-13 R-14 R-15 R-16

600x600mm



ATHENA BEIGE



R-1 R-1 R-3 R-4



R-5 R-6 R-7 R-8

600x1200mm



ATHENA BEIGE



R-1 R-2 R-3



R-4 R-5 R-6





 Digital Printing +
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  Eco Friendly

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800x800mm



ATHENA BEIGE



R-1 R-2 R-3



R-4 R-5 R-6

800x1600mm

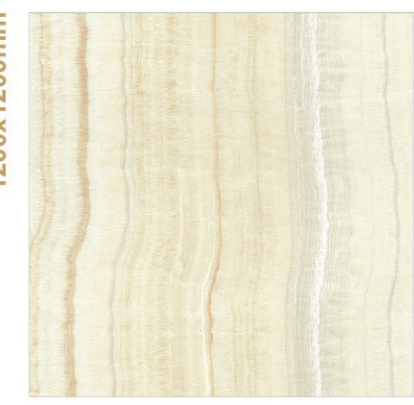


ATHENA BEIGE



R-1 R-2 R-3

1200x1200mm



ATHENA BEIGE



R-1 R-2 R-3



MOSAIC



MOSAIC



Grow Together with Clay Creations



300x600mm



ATHENA CREMA



R-1 R-2 R-3 R-4 R-5 R-6 R-7 R-8



R-9 R-10 R-11 R-12 R-13 R-14 R-15 R-16

600x600mm



ATHENA CREMA



R-1 R-1 R-3 R-4



R-5 R-6 R-7 R-8

600x1200mm



ATHENA CREMA



R-1 R-2 R-3



R-4 R-5 R-6





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ATHENA CREMA



R-1



R-2



R-3



R-4



R-5



R-6

800x1600mm



ATHENA CREMA



R-1



R-2



R-3

1200x1200mm



ATHENA CREMA



R-1



R-2



R-3



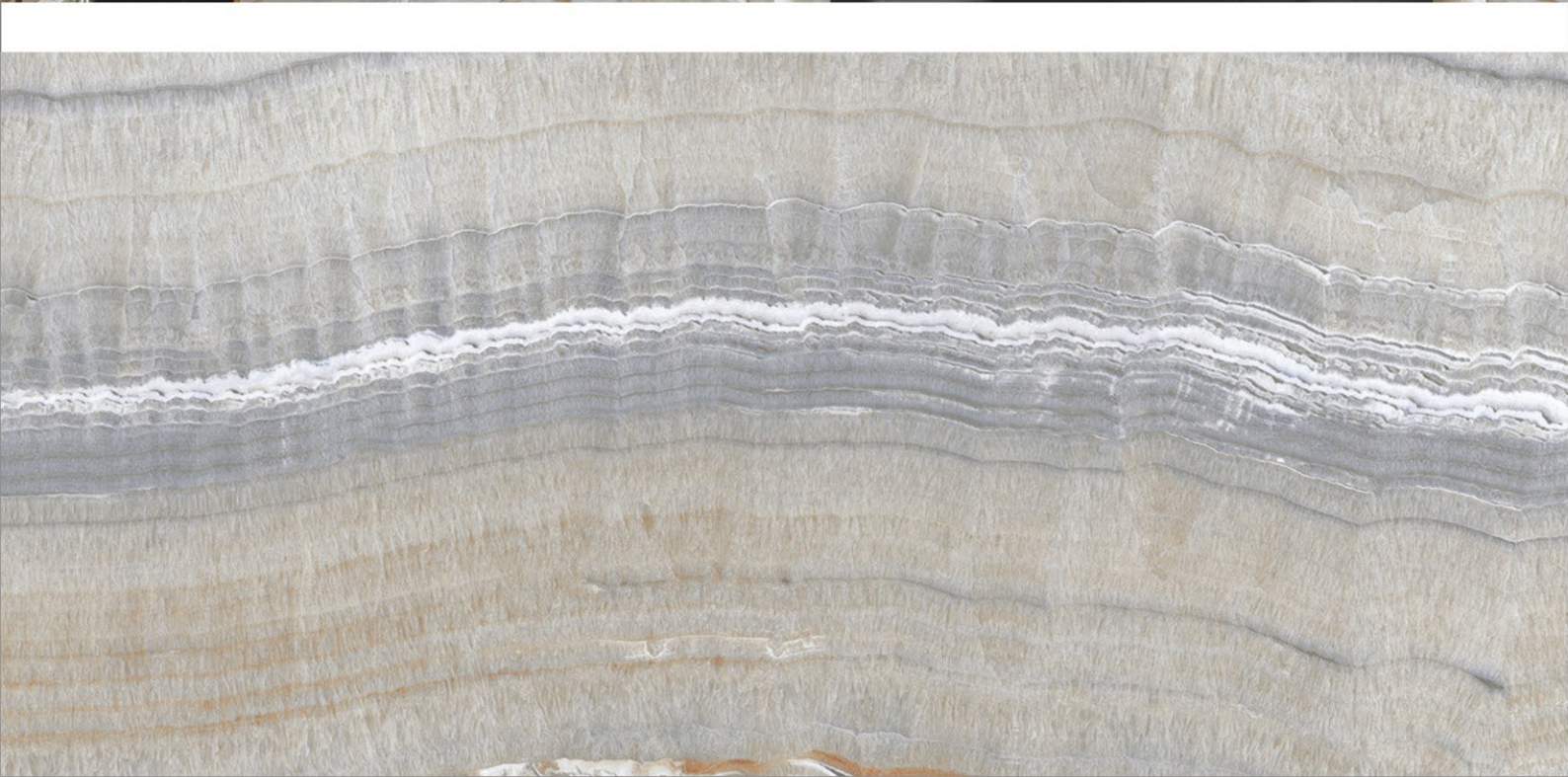
MOSAIC



MOSAIC



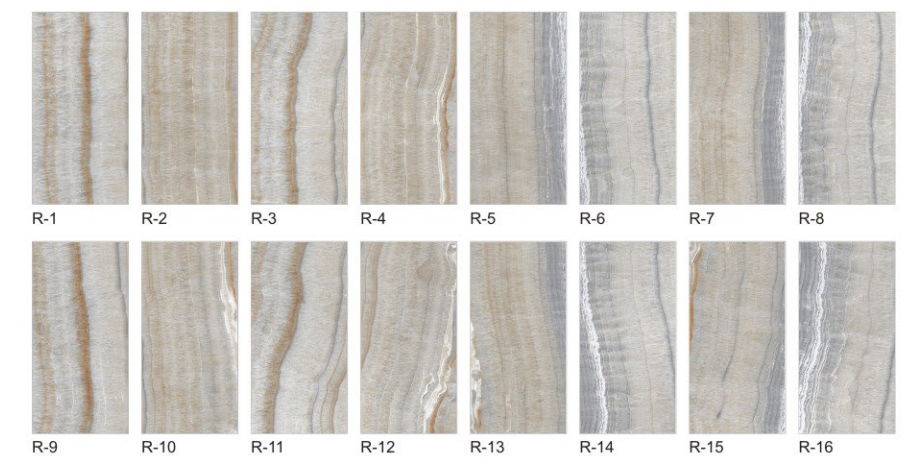
Grow Together with Clay Creations



300x600mm



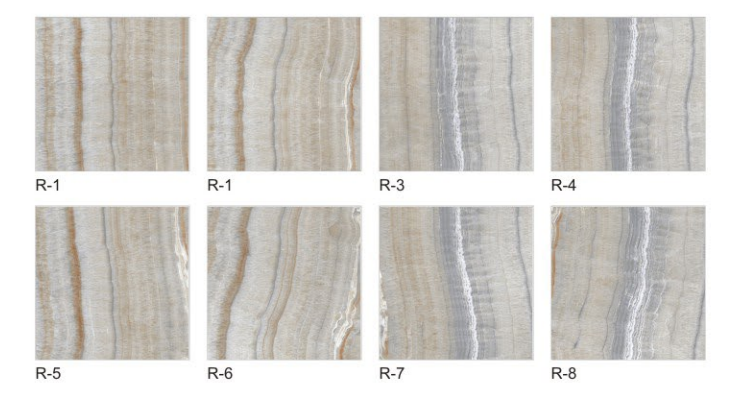
ATHENA DARK



600x600mm



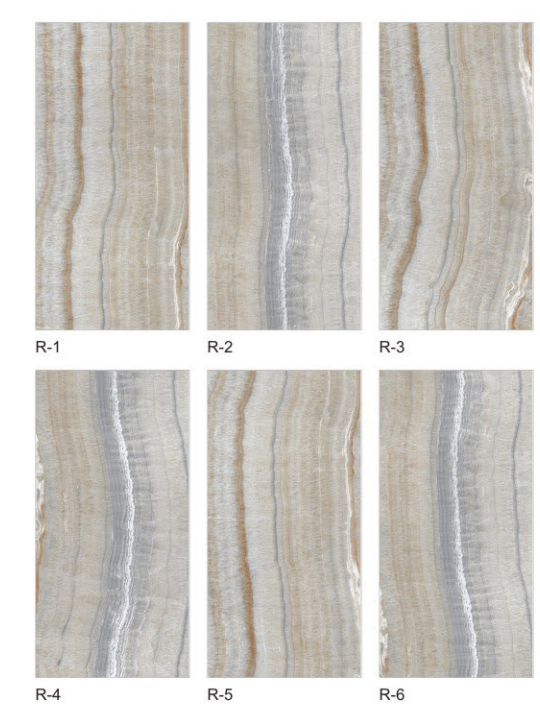
ATHENA DARK



600x1200mm



ATHENA DARK





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800x800mm



ATHENA DARK



R-1



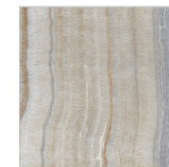
R-2



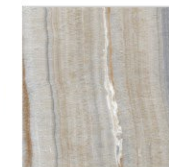
R-3



R-4



R-5



R-6

800x1600mm



ATHENA DARK



R-1

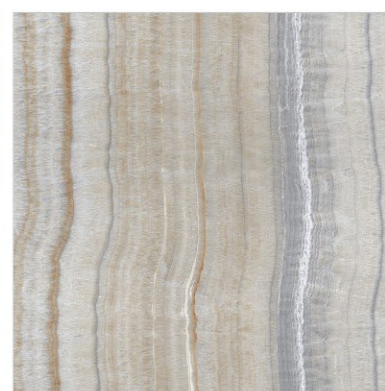


R-2



R-3

1200x1200mm



ATHENA DARK



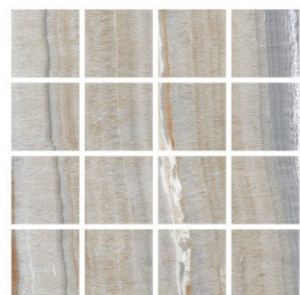
R-1



R-2



R-3



MOSAIC

































MOSAIC



Grow Together with Clay Creations

APPLICATIONS

| | | | |
|---|---|---|---|
|  | Highly non-porous |  | Resistant to detergents |
|  | Easy to clean and maintain |  | Resistant to chemicals |
|  | Suitable for contact with food |  | Friction coefficient |
|  | Water resistant (water absorption 0.1% average value) |  | Coefficient of Linear Thermal-Expansion |
|  | Dimensional stability |  | Resistant to humidity |
|  | Suitable for indoor and outdoor applications |  | Colour resistant to light |
|  | Fire Resistant |  | Deep abrasion resistant |
|  | Resistant to mould and fungi |  | Stain Resistant |

| | | | |
|---|-------------------|---|----------------|
|  | Airport Terminals |  | Halls |
|  | Discotheques |  | Schools |
|  | Industries |  | Domestic |
|  | Religious Places |  | Shopping Malls |
|  | Gymnasiums |  | Offices |
|  | Hotels |  | Super Markets |
|  | Pubs & Bars |  | Hospitals |

TECHNICAL SPECIFICATION



| Sr. No. | Characteristics | International Std. Iso 13006 / En 14411 Group B1a | UNICO TILES | Method Of Testing |
|---|--|---|----------------------------------|-----------------------|
| Dimensions & Surface Quality | | | | |
| 1 | Length | ±0.6% | ±0.1% | Iso 10545-2 |
| 2 | Thickness | ±5% | ±3.0% | Iso 10545-2 |
| 3 | Straightness Of Sides | ±0.5% | ±0.1% | Iso 10545-2 |
| 4 | Rectangularity | ±0.5% | ±0.1% | Iso 10545-2 |
| 5 | Surface Flatness | ±0.5% | ±0.1% | Iso 10545-2 |
| 6 | Glossiness(Only For Polished Products) | Declared By Manufacturer | 92~105% | Iso 2813(Gloss Meter) |
| 7 | Surface Quality | Min.95% Tiles Should Be Free From Defects | Min.98% Tiles Free From Defects | Iso 10545-2 |
| Physical Characteristics | | | | |
| 8 | Water Absorption | E≤ 0.5 % | ≤ 0.05 % | Iso 10545-3 |
| 9 | Moh's Hardness | ≥ 6 | ≥ 6 | Iso 10545 -3 |
| 10 | Moisture Expansion | Nil | Nil | Iso 10545-10 |
| 11 | Abrasion Resistance | Declared By Manufacturer | Pei 3~5(Depend On Product) | Iso 10545-7 |
| Mechanical Characteristics | | | | |
| 12 | Flexural Strength (MOR) | ≥ 35 N/mm2 (350 Kg/cm2) | ≥ 37 N/mm2 (370 Kg/cm2) | Iso 10545 -4 |
| 13 | Breaking Strength | 1300 Newton | 2000 Newton | Iso 10545 -4 |
| 14 | Impact Resistance | Declared By Manufacturer | No Indentation Or Cracking | Iso 10545 -5 |
| Safety Characteristics | | | | |
| 15 | Skid Resistance(Dynamic Friction Coefficient) | ≥ 0.4 | ≥ 0.4 | Iso 10545 -17 |
| 16 | Density | ≥ 2.0 Gm/cc | > 2.3 Gm/cc | Din 51082 |
| Thermo Photo Characteristics | | | | |
| 17 | Thermal Shock Resistance | Resistant To 10 Cycles | Pass Min10 Cycles | Iso 10545 -9 |
| 18 | Frost Resistance | Frost Proof | Need To Comply With The Standard | Iso 10545 - 12 |
| 19 | Coefficient Of Linearthermal Expansion, | 9x10-6 K -1 | < 5.86x10-6 K -1 | Iso 10545-8 |
| 20 | Color Resistance To Uv Light | Resistant | Resistant | Iso 10545 -16 |
| Chemical Characteristics | | | | |
| 1 | Chemical Resistance : House Hold Chemicals & Swimming Pool Salts | Min Class- Gb | Confirm To Classes-ga | Iso 10545 -13 |
| 2 | Chemical Resistance : Low Concentrations Acids & Alkalis | Min Class- G1b | Confirm To Classes-g1a | Iso 10545 -13 |
| 3 | Chemical Resistance : High Concentrations Acids & Alkalis | Min Class- G1b | Confirm To Classes-g1a | Iso 10545 -13 |
| 4 | Stain Resistance | Min Class-3 | Min Confirm To Class -4 | Iso 10545 -14 |



PACKING DETAILS

| Dimension (Size) | Pieces/box | Thickness | Sq. Mtr. | Weight (Approx) |
|------------------|------------|-----------|----------|-----------------|
| 300x600mm | 5 | 9 mm | 0.90 | 18.2 |
| 600x600mm | 4 | 9 mm | 1.44 | 28.5 |
| 600x1200mm | 2 | 10 mm | 1.44 | 32.5 |
| 800x800mm | 3 | 9 mm | 1.92 | 41 |
| 800x1600mm | 2 | 9 mm | 2.56 | 54 |
| 1200x1200mm | 2 | 9 mm | 2.88 | 61 |

Corporate Office:

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