
Backlight
High Gloss
series
600x1200mm

## TECHNICAL **SPECIFICATION**



LONG DURABILITY



EASY TO CLEAN



IMPACT RESISTANCE



HYGIENIC SURFACE



FIRE RESISTANCE



FROST RESISTANCE



LOW WATER ABSORPTION



DIMENSIONAL STABILITY



EASY INSTALLATION



THERMAL RESISTANCE



CHEMICAL RESISTANCE



CRAZING RESISTANCE

## SUITABLE **APPLICATIONS**



RESIDENTIAL



COMMERCIAL BUILDING



HOTEL, RESTAURANT



HOSPITAL



AIRPORT



GYMNASIUM



HALL & CORRIDOR



MALL & SUPER MARKET



INDUSTRY



SPA



SCHOOL, COLLEGE

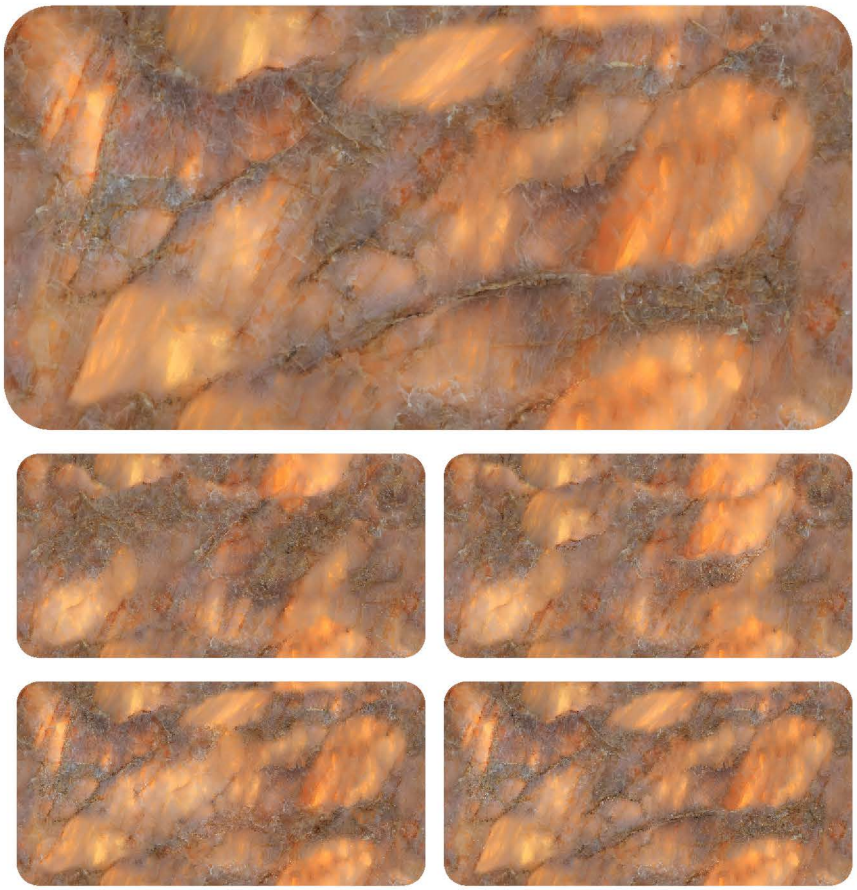


RELIGIOUS PLACE

High Gloss
series

9.5mm
(Approx)

600x1200mm



## AMBER GLOW BR-ENDLESS

Finish: High Gloss

Random: 04

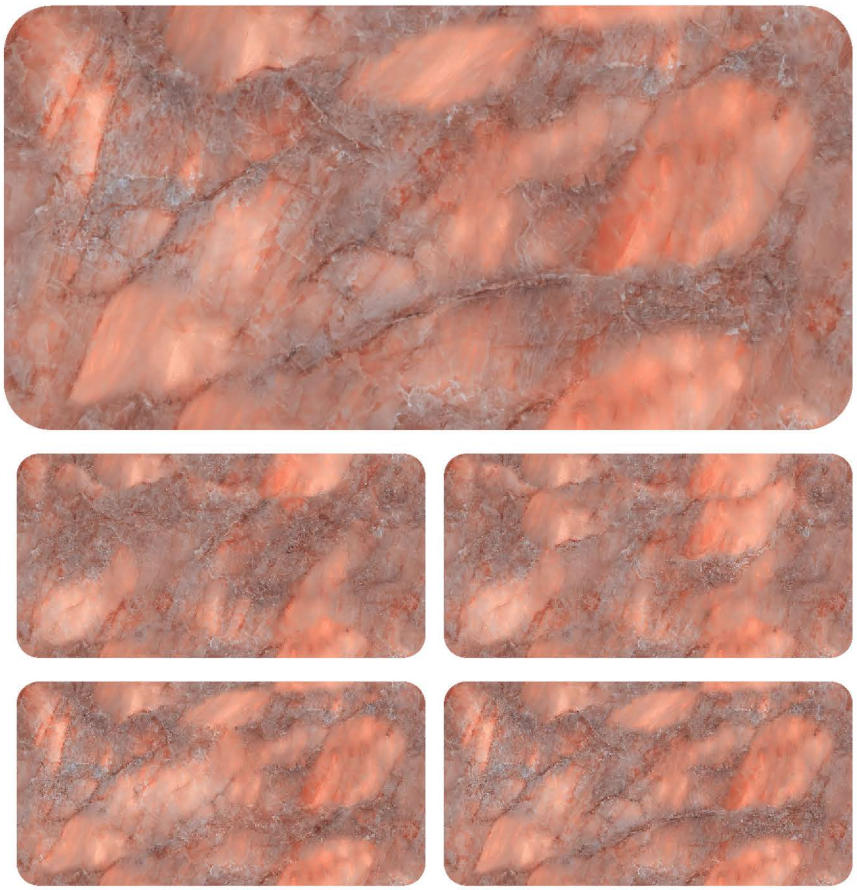
BACKLIGHT



High Gloss
series

9.5mm
(Approx)

600x1200mm



## AMBER GLOW RED-ENDLESS

Finish: High Gloss

Random: 04

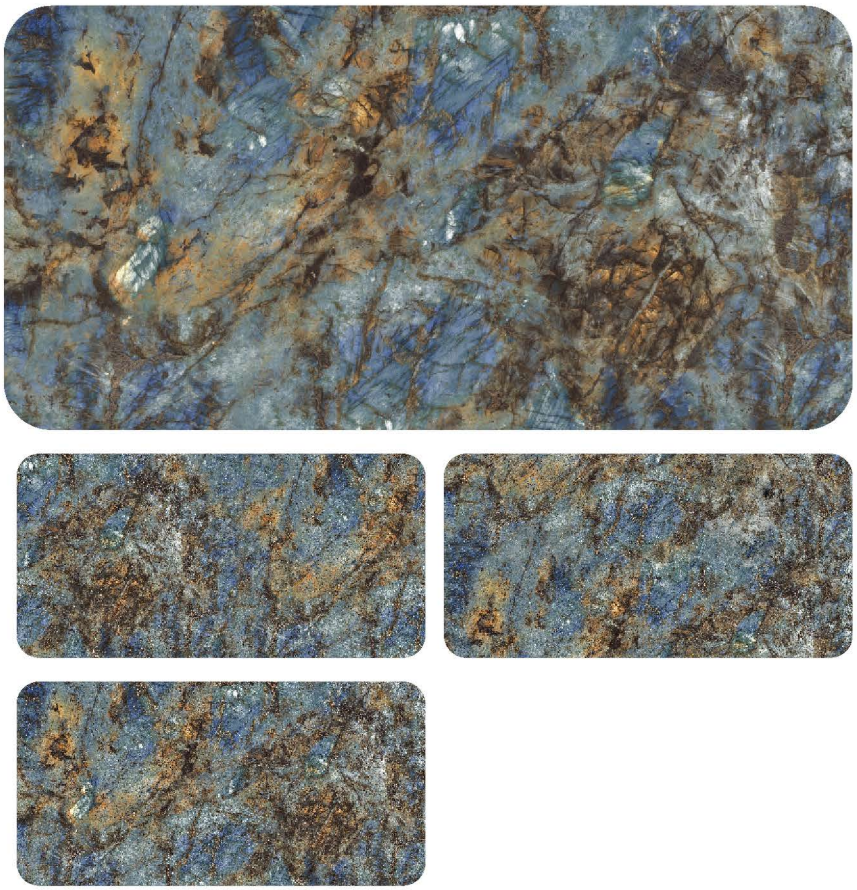
BACKLIGHT



High Gloss
series

9.5mm
(Approx)

600x1200mm



## BLUE QUARTZITE

Finish: High Gloss

Random: 03

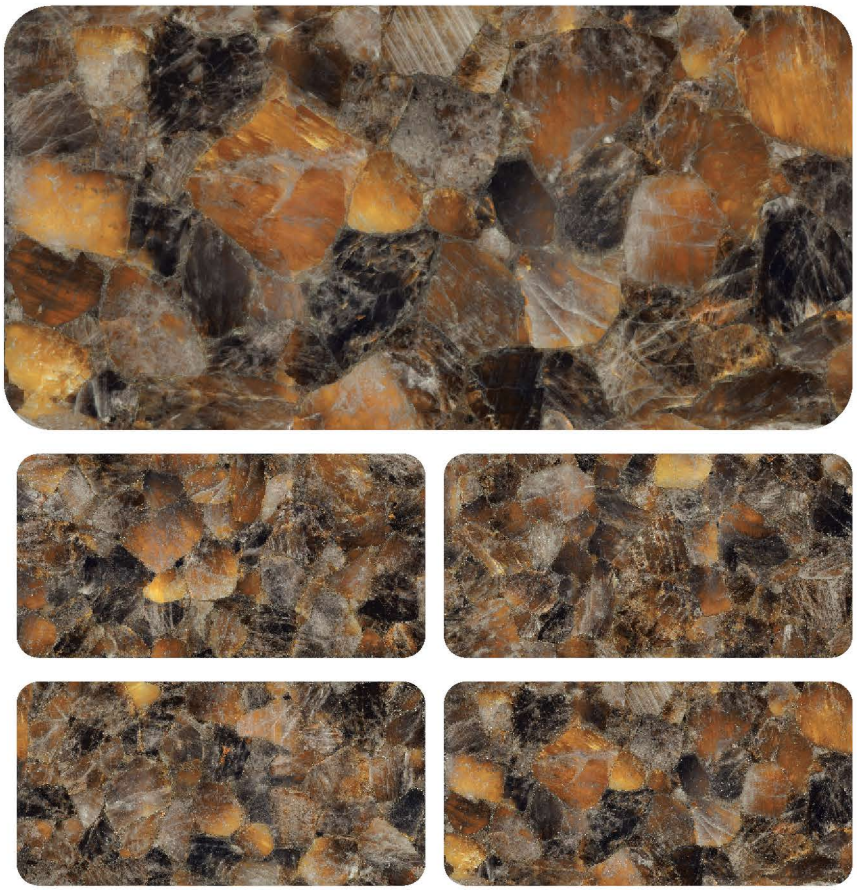
BACKLIGHT



High Gloss
series

9.5mm
(Approx)

600x1200mm



## CRYSTAL BRONZE

Finish: High Gloss

Random: 04

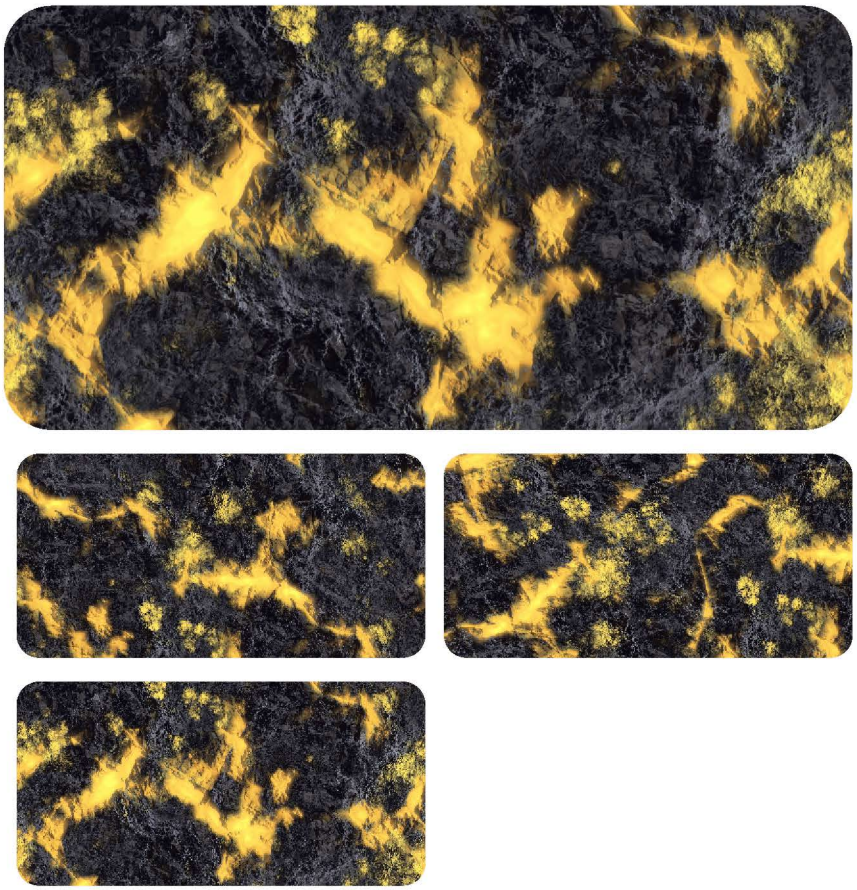
BACKLIGHT



High Gloss
series

9.5mm
(Approx)

600x1200mm



## IGNITE BLACK

Finish: High Gloss

Random: 03

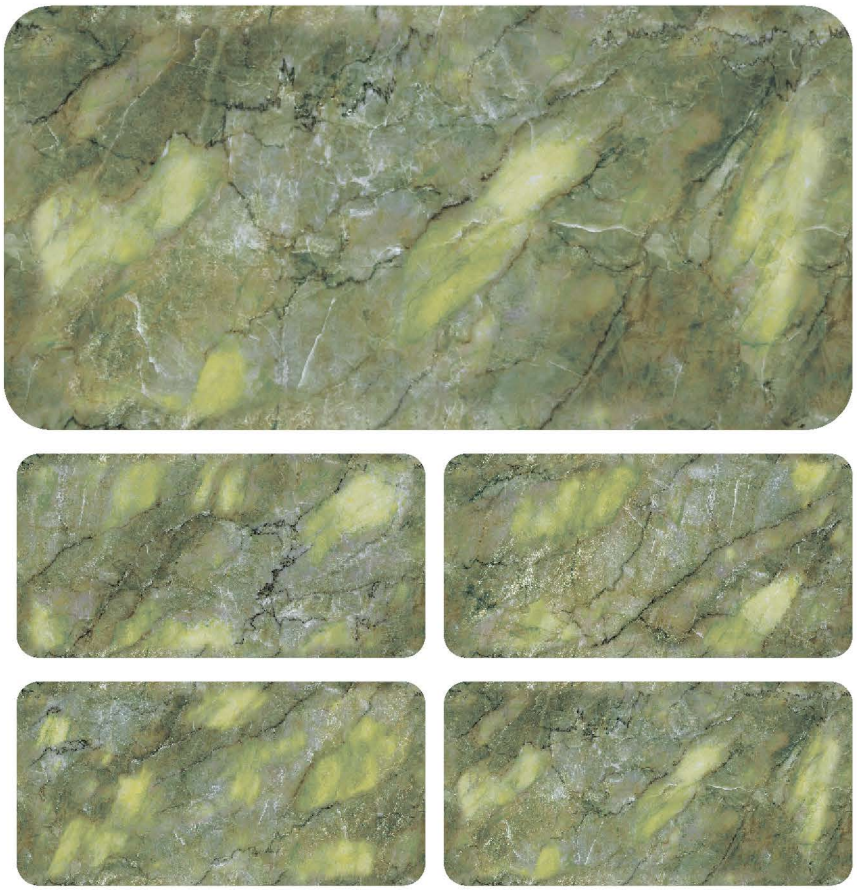
BACKLIGHT



High Gloss
series

9.5mm
(Approx)

600x1200mm

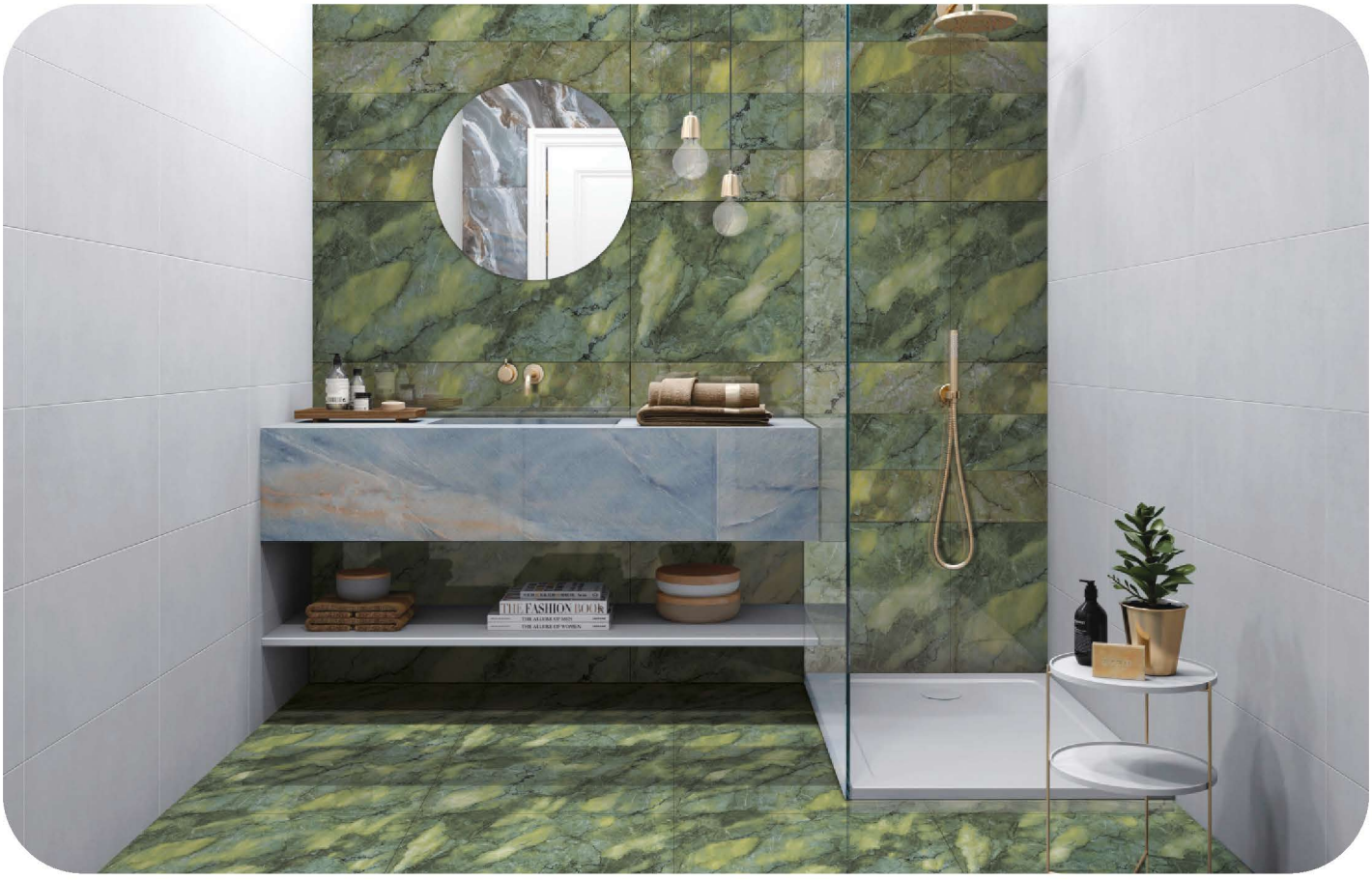


KIWI GREEN ONYX-ENDLESS

Finish: High Gloss

Random: 04

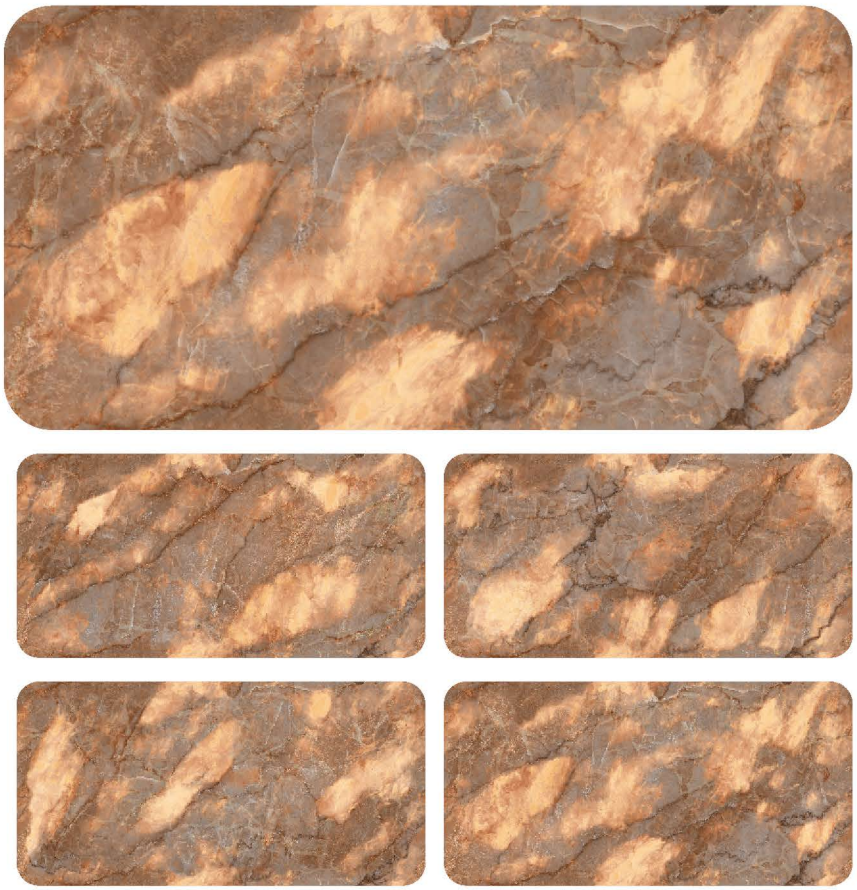
BACKLIGHT



High Gloss
series

9.5mm
(Approx)

600x1200mm



LUMINOUS MOUNT-ENDLESS

Finish: High Gloss

Random: 04

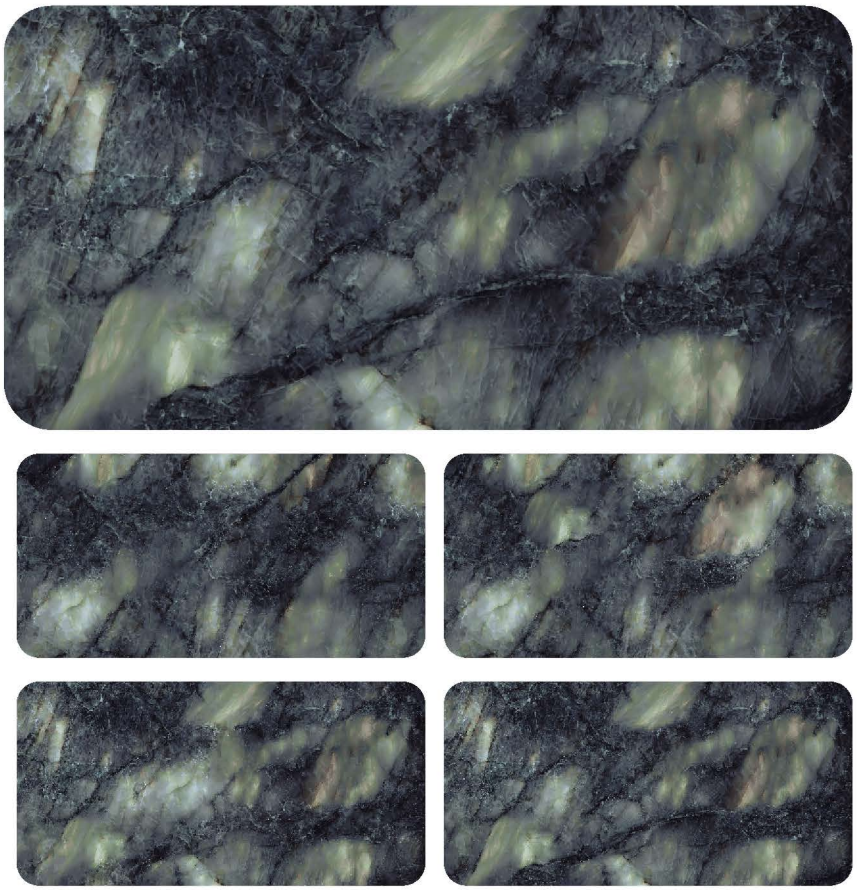
BACKLIGHT



High Gloss
series

9.5mm
(Approx)

600x1200mm



## ROYAL NIGHT

Finish: High Gloss

Random: 04

# BACKLIGHT



High Gloss
series

9.5mm
(Approx)

600x1200mm









## TIGER EYE MARBLE

Finish: High Gloss

Random: 03

BACKLIGHT



High Gloss
series

9.5mm
(Approx)

600x1200mm

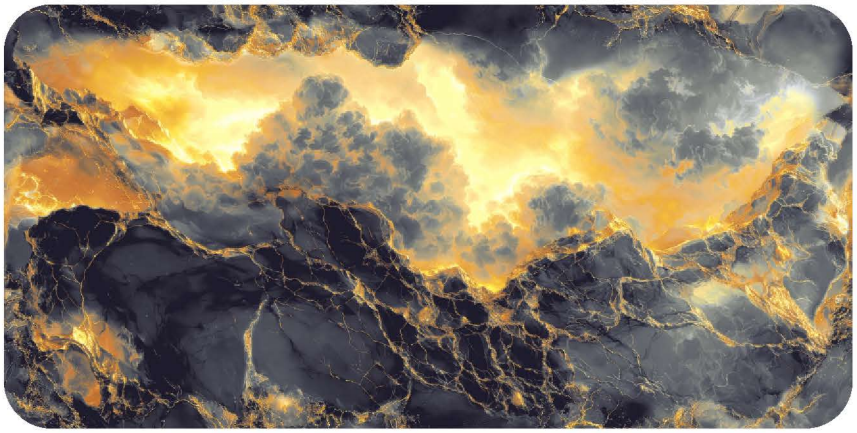


## GEO AQUA-ENDLESS

Finish: High Gloss

Random: 04

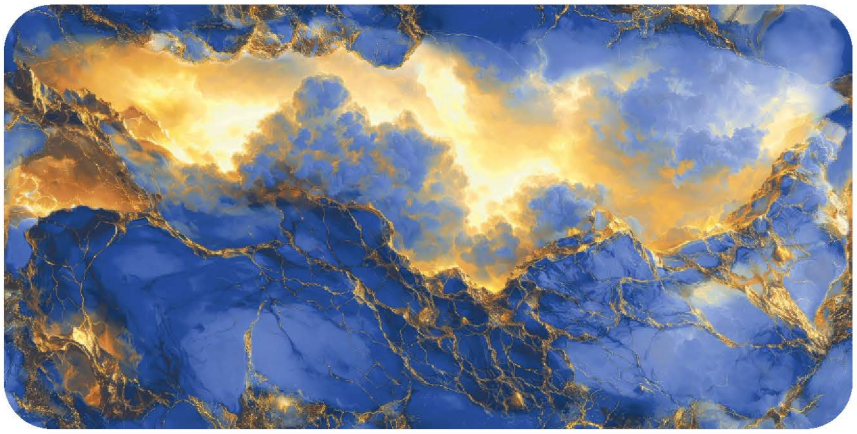
BACKLIGHT



## GEO BLACK-ENDLESS

Finish: High Gloss

Random: 04



## GEO BLUE-ENDLESS

Finish: High Gloss

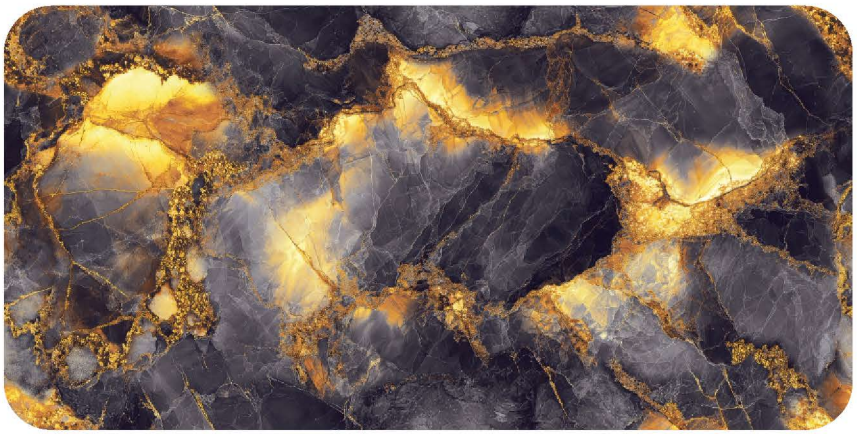
Random: 04



High Gloss
series

9.5mm
(Approx)

600x1200mm

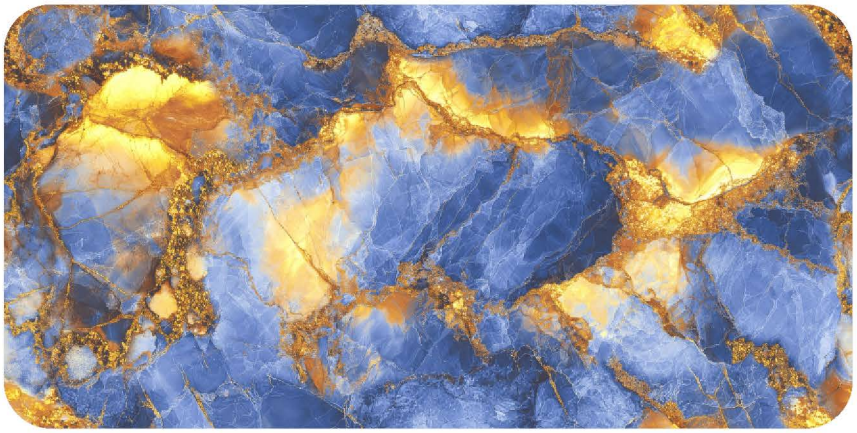


KENETIC BLACK-ENDLESS

Finish: High Gloss

Random: 04

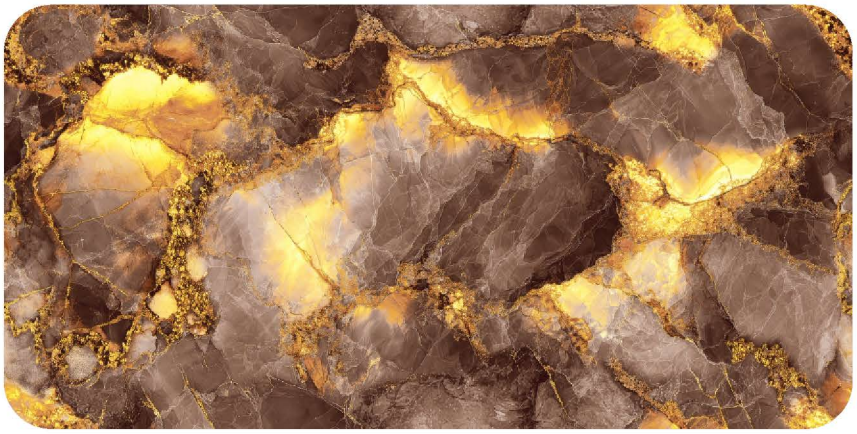
BACKLIGHT



KENETIC BLUE-ENDLESS

Finish: High Gloss

Random: 04



KENETIC BROWN-ENDLESS

Finish: High Gloss

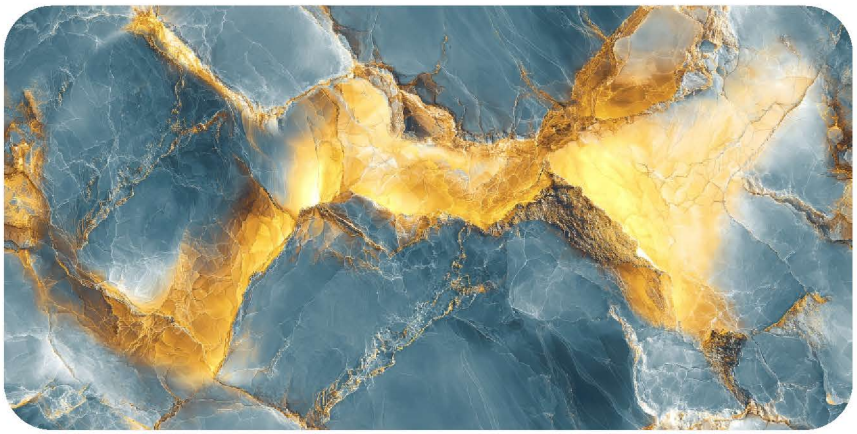
Random: 04



High Gloss
series

9.5mm
(Approx)

600x1200mm

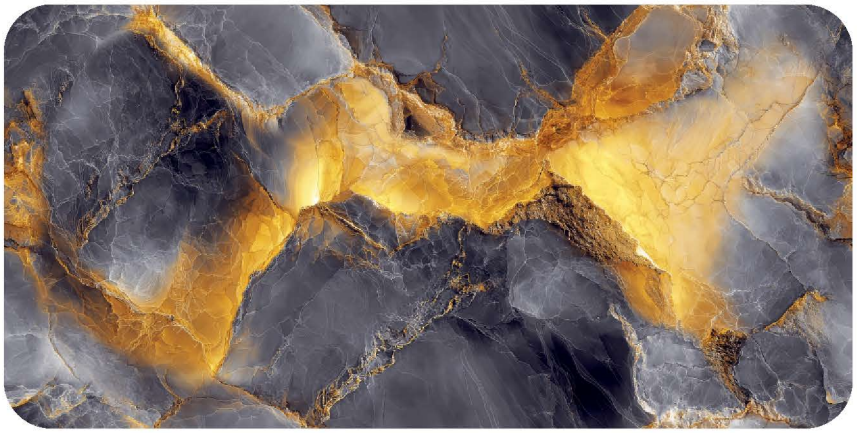


## LAGOON AQUA-ENDLESS

Finish: High Gloss

Random: 03

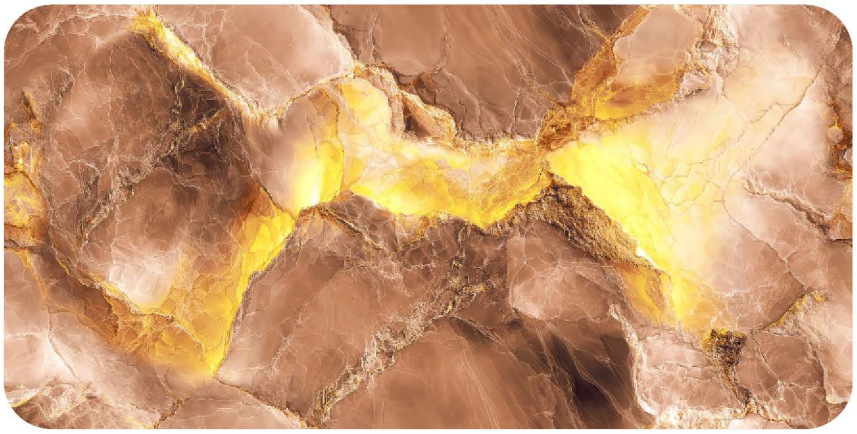
BACKLIGHT



## LAGOON BLACK-ENDLESS

Finish: High Gloss

Random: 03



## LAGOON BROWN-ENDLESS

Finish: High Gloss

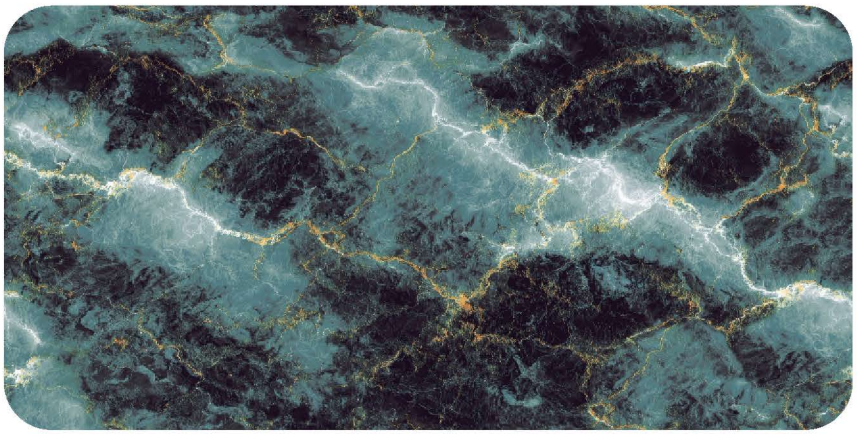
Random: 03



High Gloss
series

9.5mm
(Approx)

600x1200mm

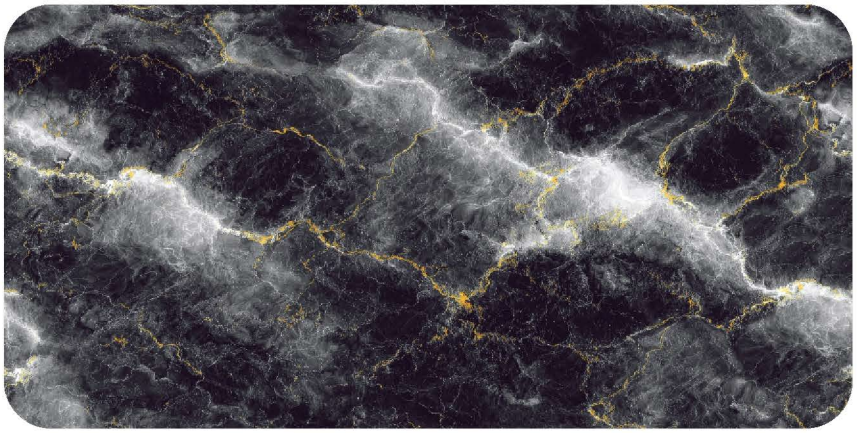


## PLASMA AQUA-ENDLESS

Finish: High Gloss

Random: 04

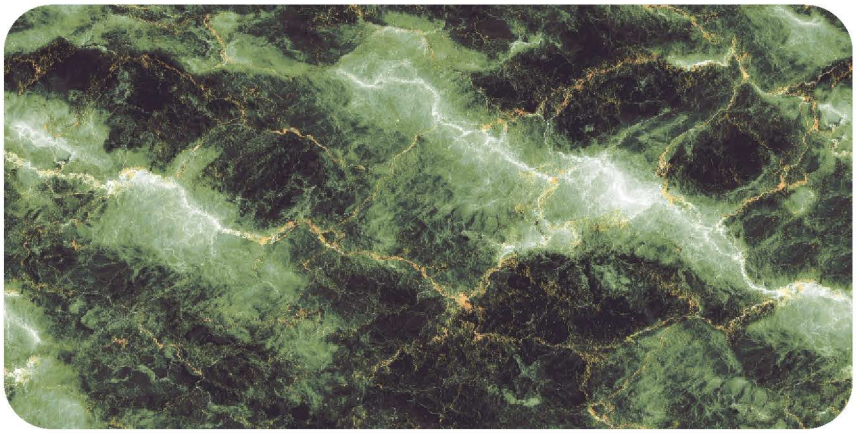
BACKLIGHT



## PLASMA BLACK-ENDLESS

Finish: High Gloss

Random: 04



## PLASMA GREEN-ENDLESS

Finish: High Gloss

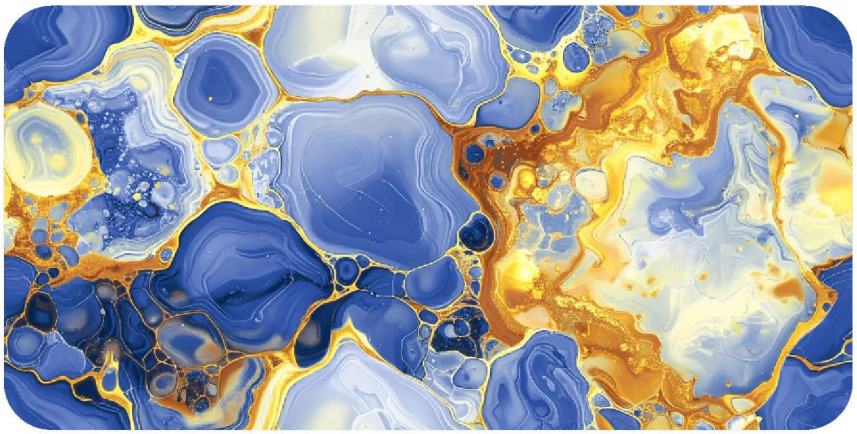
Random: 04



High Gloss
series

9.5mm
(Approx)

600x1200mm

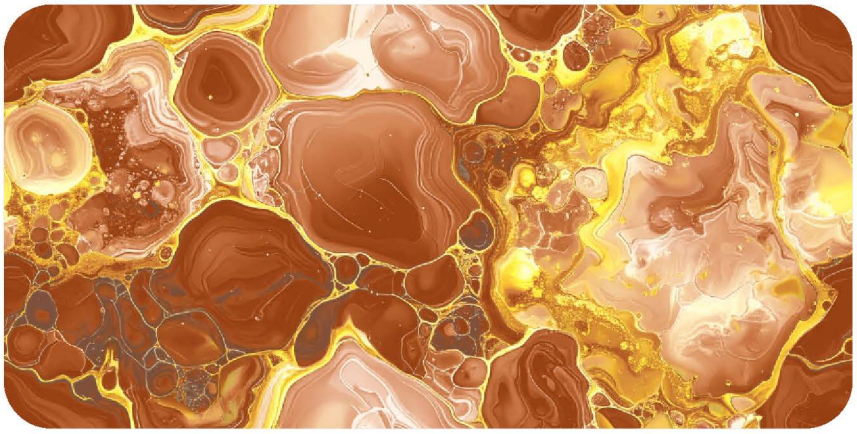


## NOVA BLUE-ENDLESS

Finish: High Gloss

Random: 04

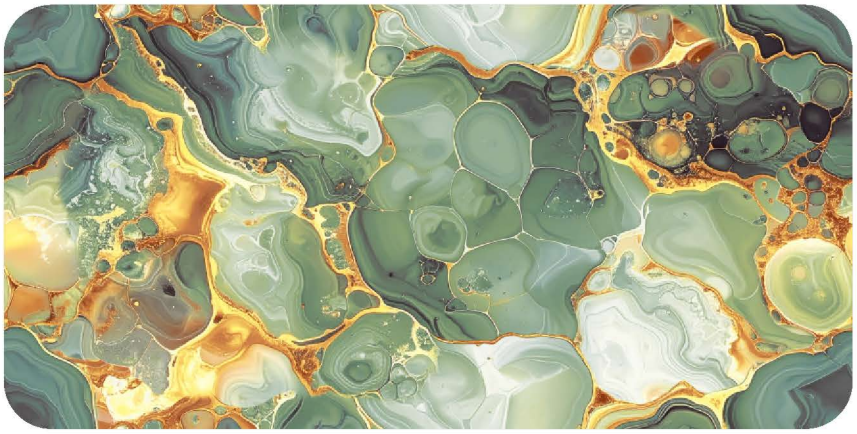
BACKLIGHT



## NOVA BROWN-ENDLESS

Finish: High Gloss

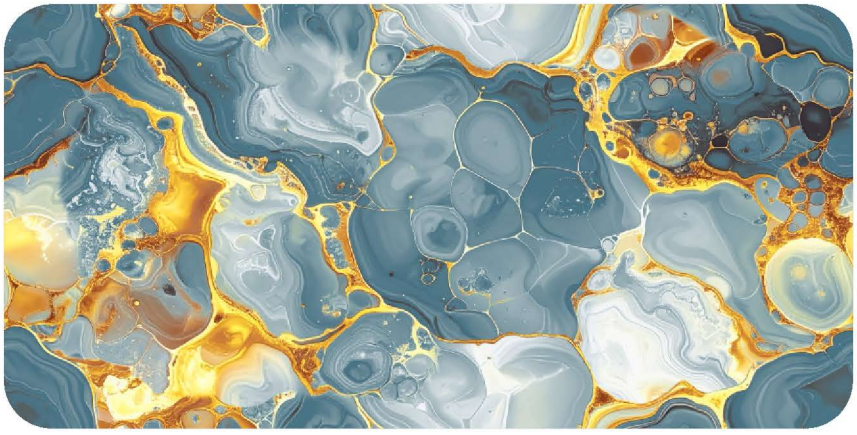
Random: 04



## NOVA GREEN-ENDLESS

Finish: High Gloss

Random: 04



## NOVA SKY-ENDLESS

Finish: High Gloss

Random: 04

High Gloss
series

9.5mm
(Approx)

600x1200mm

# BACKLIGHT



## CLEANING & MAINTENANCE

Our products are non porous (due to their high quality raw materials, stringent production parameters and state of the art technology), hence any dust or deposited waste cannot penetrate the surface.

For most cases only a damp cloth is sufficient for cleaning.

Regular cleaning highlights the aesthetic features of the surface and gives it exceptional shine.

For highly aggressive cleaning caused by some common food and substances follow the table below.

| TYPE OF STAIN | CHEMICAL PRODUCT | EXAMPLE |
|---|---|---|
| Grease | Alkaline - Solvent | Detergent |
| Oil | Solvent | Ammonia, Baking Soda |
| Ink | Oxidant - Solvent | Alcohol, Liquid Bleach, Nail Paint Remover |
| Rust | Acid | Hydrochloric Acid, Vinegar, Red Harpic |
| Lime | Acid | Descaling Agents, Hydrochloric Acid |
| Cement | Acid | Hydrochloric Acid |
| Wine | Alkaline | Ammonia, Liquid Bleach |
| Coffee | Alkaline - Solvent | Ammonia, Liquid Bleach |
| Rubber | Solvent | Alcohol, Thinner |
| Plaster | Acid | Hydrochloric Acid |
| Candle Wax | Solvent | Alcohol, Thinner |
| Iodine | Oxidant | Liquid Bleach |
| Blood | Oxidant | Liquid Bleach |
| Ice Cream | Alkaline | Liquid Bleach |

Note: It is recommended that any kind of stain needs to be cleaned immediately, as soon as possible.

## TECHNICAL SPECIFICATIONS

| CHARACTERISTICS | STANDARD AS PER ISO-13006/2018 En14411 gr.bla | Our Value | TEST METHOD |
|---|---|---|---|
| **Regulatory Properties** | | | |
| Deviation in Length & Width | +0.5% | +0.2% | ISO 10545-2 |
| Deviation in Thickness | +5% | +5% | ISO 10545-2 |
| Straightness of Sides | +0.5% | +0.2% | ISO 10545-2 |
| Rectangularity | +0.5% | +0.2% | ISO 10545-2 |
| Surface Flatness | +0.5% | +0.3% | ISO 10545-2 |
| Colour Difference | ΔE<1.00 | ΔE<0.30 | ISO 10545-16 |
| Glossiness | As per Mfg. | >90% | Gloss Meter 60' |
| **Structural Properties** | | | |
| Water Absorption | <0.5 % | <0.3% | ISO 10545-3 |
| Apparent Density | As Per Mfg. | >2.20 g/cc | ISO 10545-3 |
| **Massive Mechanical Properties** | | | |
| Modulus of Repture | Min.35N/mm$^2$ | Min.40N/mm$^2$ | ISO 10545-4 |
| Breaking Strength | Min. 1300 N | Min. 2000 N | ISO 10545-4 |
| Impact Resistance | As per Mfg. | Min. 0.55 | ISO 10545-4 |
| **Surface Mechanical Properties** | | | |
| Surface Abrasion Resistance | As per Mfg. | Min. class 3 | ISO 10545-7 |
| Mohs Hardness | As per Mfg. | Min. class 4 | BS EN 15771 |
| **Thermo Hygrometric Properties** | | | |
| Frost Resistance | As Per Mfg. | Frost Proof | ISO 10545-12 |
| Thermal Shock Resistance | Min. 10 Cycle | Min. 10 Cycle | ISO 10545-9 |
| Moisture Expansion | Max. 0.6mm/m | Max. 0.02mm/m | ISO 10545-10 |
| Thermal Expansion | Max. 9.0 x 10$^{-6}$ | Max. 6.0x10$^{-6}$ | ISO 10545-8 |
| **Chemical Properties** | | | |
| Chemical Resistance | As Per Mfg. | No Damage | ISO 10545-13 |
| Stain Resistance | Resistant | Resistant | ISO 10545-14 |
| **Safety Properties** | | | |
| Slip Resistance | As per Mfg. | N. A. | DIN 51130 |
| Fire Resistance | As per Mfg. | Fire Proof | N. A. |

## PACKING DETAILS

| Dimension (mm) | No. of Pcs/Box | Square Feet |
|---|---|---|
| 600x1200mm | 2 Pcs. | 15.5 Sq. ft |