Restile
every inch of imagination

MAKERS COLLECTION
an architect's choice

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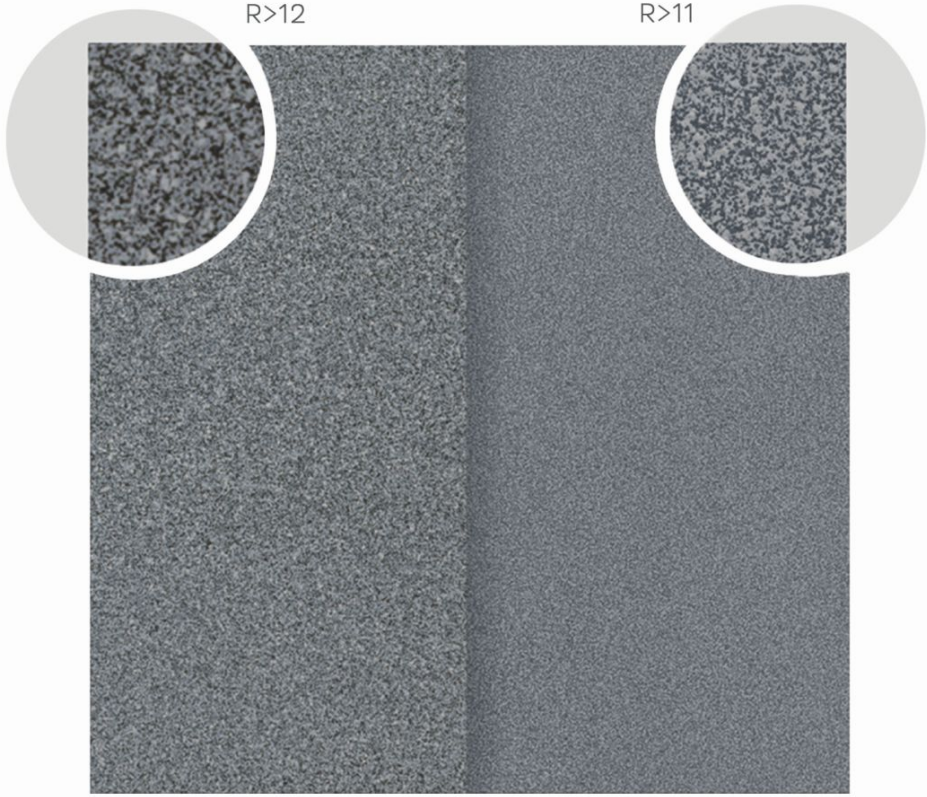
# MAKERS COLLECTION

Restile, known for its speciality in Full Body Homogeneous tiles, now raises the bar with its TRUE ANTI-SKID finish. with supreme strength, and a true leader in the anti-skid quotient, this collection captures the rough-ness and beauty of natural stones, making it the perfect choice to use in any wet areas.

| | | | | |
|---|---|---|---|---|
| FULL BODY COLOR | THRU BODY DESIGNS | NATURAL PRESS DESIGNS | UN-GLAZED SURFACE | ANTI-SLIP R>11 |
| TECHNICAL GRANITO | HIGH TRANSIT | < 0.08 WATER ABSORP-TION | ACID ALKALI RESISTANT | EASY TO CLEAN |

flamed finish
R>12

sandy finish
R>11



TRUE ANTI-SKID
CLOSEST TO ROCK FINISH

# MAKERS COLLECTION

grey

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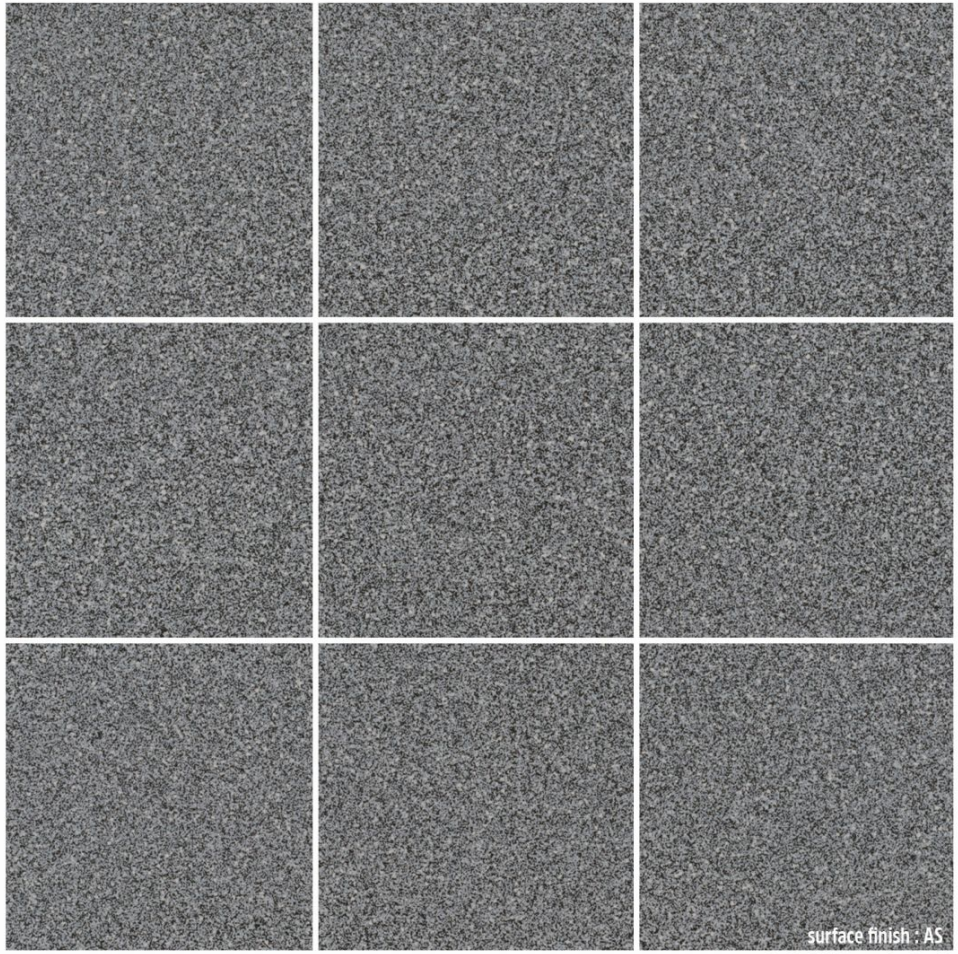
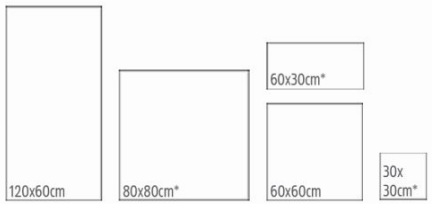



recommended spacer : 3mm

sandy R>11 | flamed > R>12




* under request (MoQ required)

Technical Porcelain Tiles

Homogeneous Full Body Tile

Absolute Through-Body Design

Full Body Color

0% Glaze Coating

0% Digital Printing

# MAKERS COLLECTION

## black

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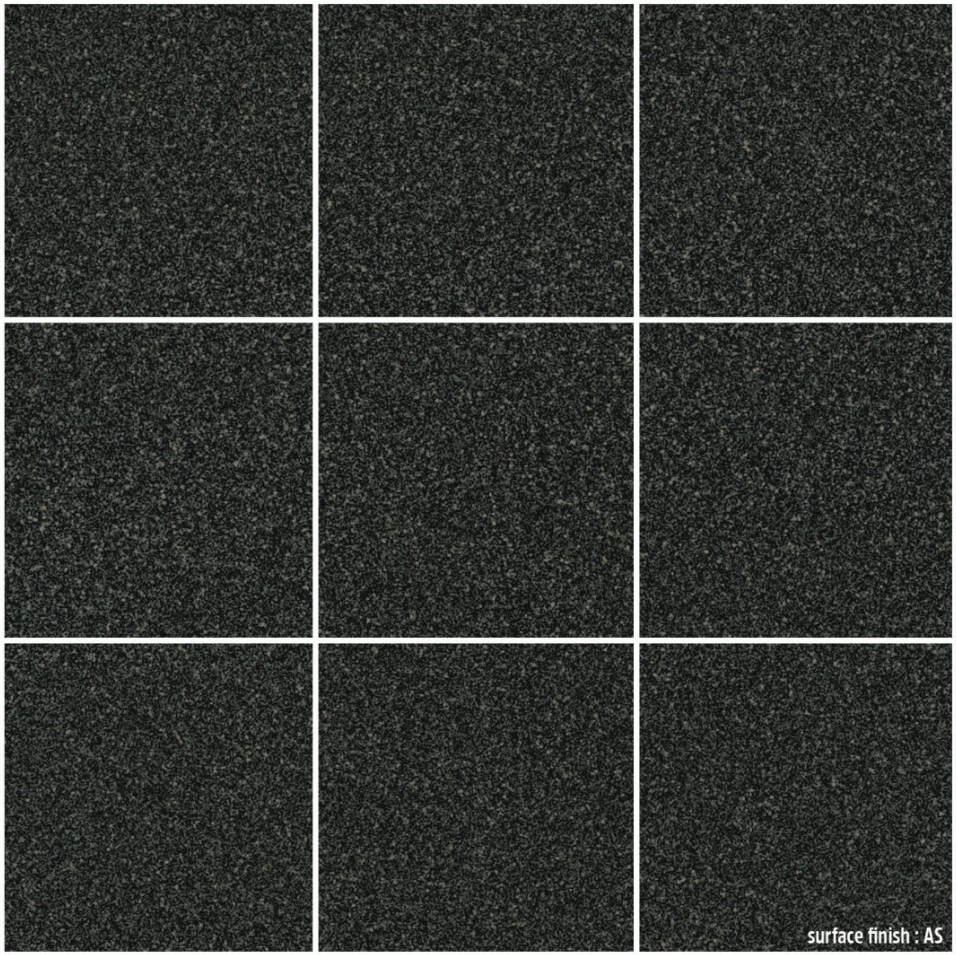
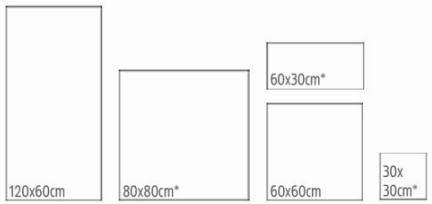



recommended spacer : 3mm

sandy R>11 | flamed > R>12

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# MAKERS COLLECTION

## beige

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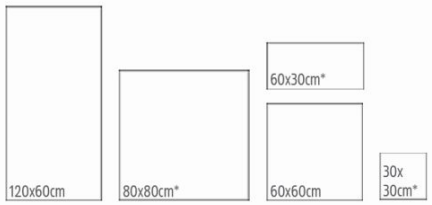
recommended spacer : 3mm

**sandy R>11 | flamed > R>12**

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# MAKERS COLLECTION

## red

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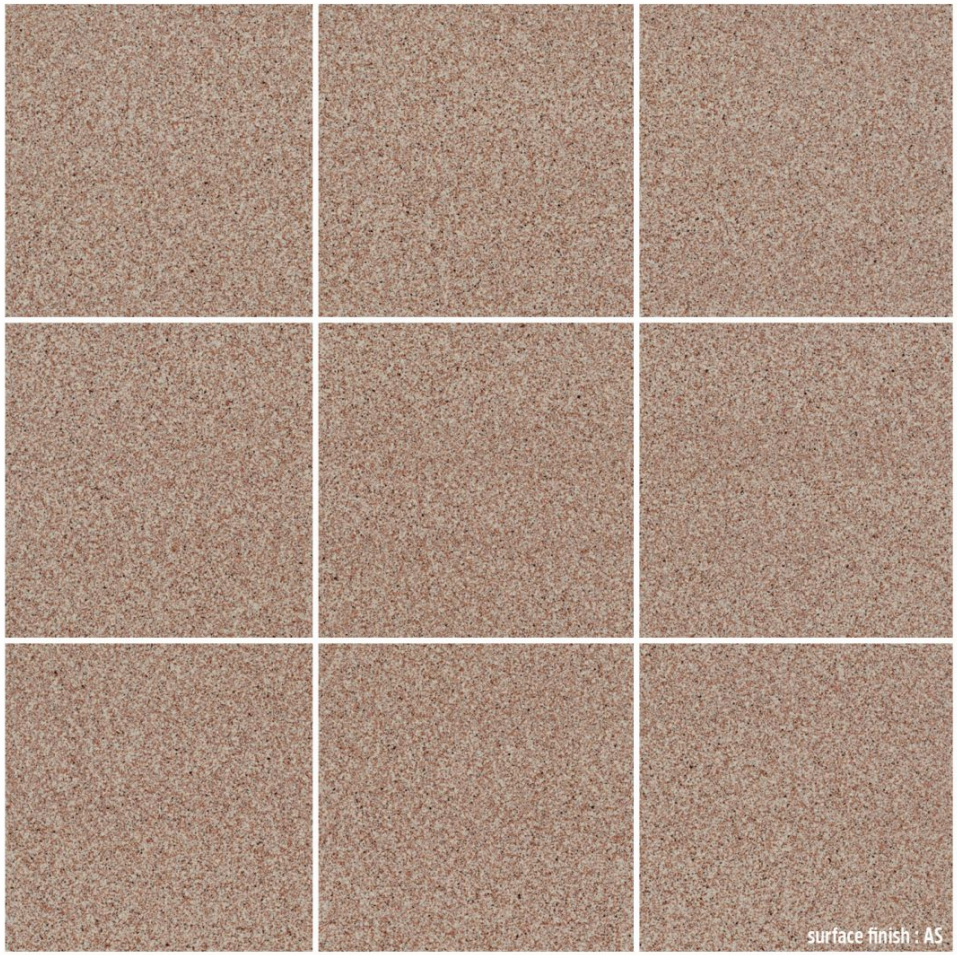
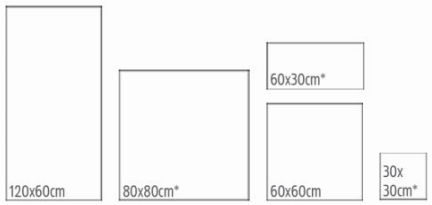



recommended spacer : 3mm

**sandy R>11 | flamed > R>12**

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# MAKERS COLLECTION

## flamed iconic

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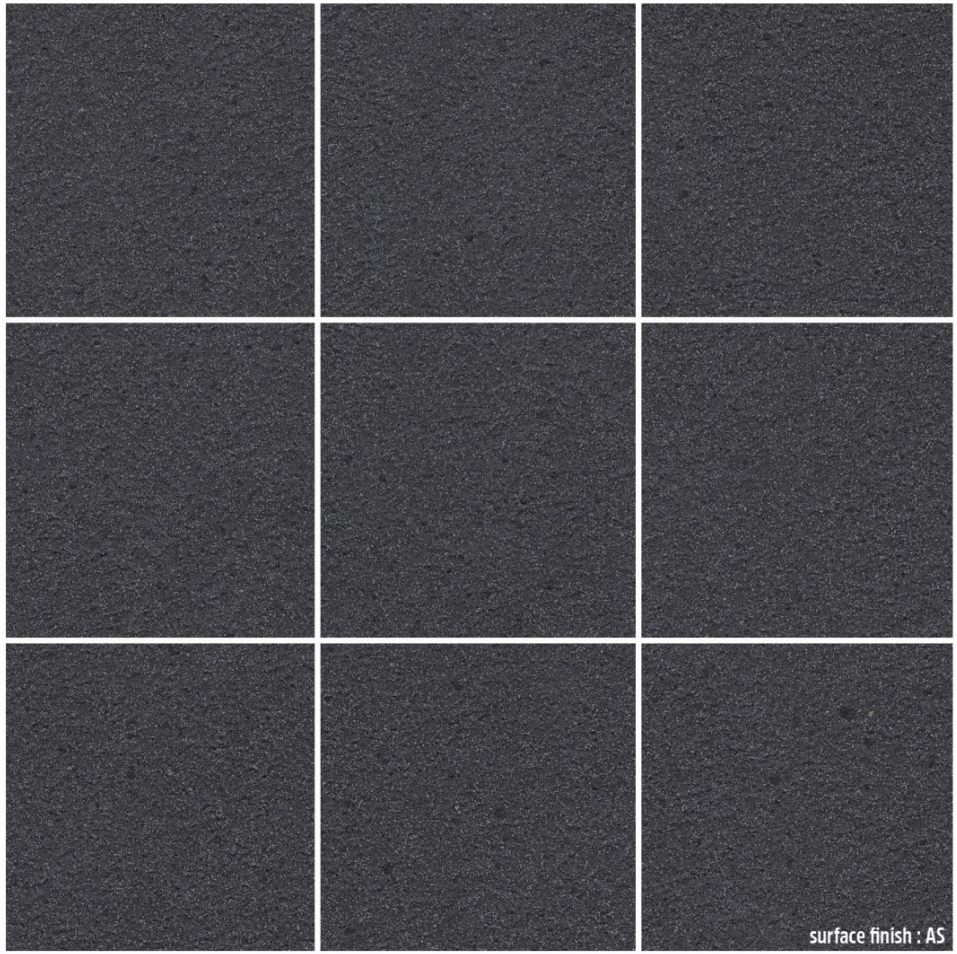
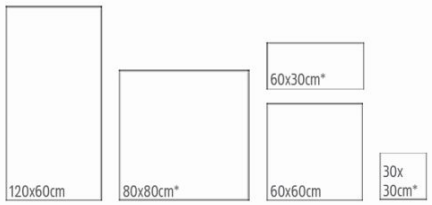



flamed R>11

recommended spacer : 3mm

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# MAKERS COLLECTION

## flamed pebbles

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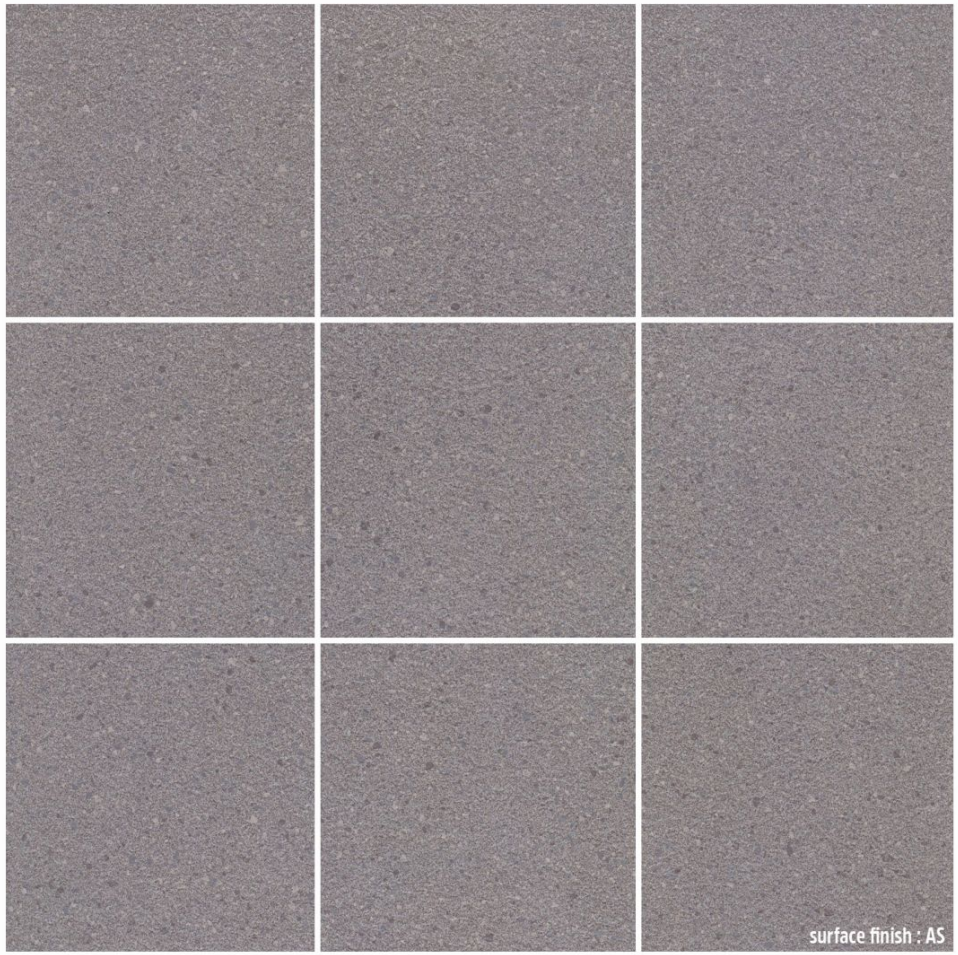
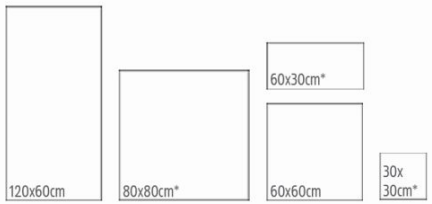



flamed R>11

recommended spacer : 3mm

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# TECHNICAL SPECIFICATIONS

| S.NO | | PROPERTIES | BIS 15622-2017 (group B1a) | TEST METHOD | RESTILE VALUE 300X300X9MM | RESTILE VALUE 600X300X9MM | RESTILE VALUE 600X600X9MM | RESTILE VALUE 800X800X10MM |
|---|---|---|---|---|---|---|---|---|
| DIMENSIONAL PROPERTIES | 1 | Deviation in Length & Width | ± 0.1% | BIS 13630-1<br>ISO 10545-2 | ± 0.1% | ± 0.1% | ± 0.1% | ± 0.1% |
| | 2 | Deviation in Thickness | ± 5% | BIS 13630-1<br>ISO 10545-2 | ± 3% | ± 3% | ± 3% | ± 3% |
| | 3 | Straightness of Sides | ± 0.1% | BIS 13630-1<br>ISO 10545-2 | ± 0.1% | ± 0.1% | ± 0.1% | ± 0.1% |
| | 4 | Rectangularity | ± 0.1% | BIS 13630-1<br>ISO 10545-2 | ± 0.1% | ± 0.1% | ± 0.1% | ± 0.1% |
| | 5 | Surface Flatness | | | | | | |
| | | a. Centre Curvature | ± 0.5% | BIS 13630-1<br>ISO 10545-2 | ± 0.15% | ± 0.15% | ± 0.15% | ± 0.15% |
| | | b. Edge Curvature | ± 0.5% | BIS 13630-1<br>ISO 10545-2 | ± 0.15% | ± 0.15% | ± 0.15% | ± 0.15% |
| | | c. Warpage | ± 0.5% | BIS 13630-1<br>ISO 10545-2 | ± 0.15% | ± 0.15% | ± 0.15% | ± 0.15% |
| | 6 | Surface Quality | Min.95% free from visible defects | BIS 13630-1<br>ISO 10545-2 | Min. 95% | Min. 95% | Min. 95% | Min. 95% |
| PHYSICAL PROPERTIES | 7 | Water Absorption by weight | Average < 0.08%<br>Individual 0.1% Max | BIS 13630-2<br>ISO 10545-3 | < 0.08% | < 0.08% | < 0.08% | < 0.08% |
| | 8 | Modulus of Rupture (N/mm2) | Average 35<br>Individual 32 Min. | BIS 13630-6<br>ISO 10545-4 | Avg. 37 | Avg. 37 | Avg. 37 | Avg. 37 |
| | 9 | Breaking Strength (N) | 1300 Min. | BIS 13630-6<br>ISO 10545-4 | > 2300 | > 2200 | > 2200 | > 2400 |
| | 10 | Moisture Expansion (mm/m) | 0.02 Max | BIS 13630-3<br>ISO 10545-10 | Nil | Nil | Nil | Nil |
| | 11 | Scratch Hardness on Surface (on Moh's Scale) | 5 Min. | BIS 13630-13 | 6 Min. | 6 Min. | 6 Min. | 6 Min. |
| | 12 | Resistance to deep abrasion **(unglazed tiles)** | 140 Max | BIS 13630-12<br>ISO 10545-6 | < 140 | < 140 | < 140 | < 140 |
| | 13 | Thermal Shock Resistance | 10 cycles Min. | BIS 13630-5<br>ISO 10545-9 | No Damage | No Damage | No Damage | No Damage |
| | 14 | Impact Resistance (co-efficient of Restitution) | 0.55 Min. | BIS 13630-14<br>ISO 10545-5 | 0.55 | 0.55 | 0.55 | 0.55 |
| | 15 | Anti-Slip Resistance (co-efficient of Friction) | Manufacture to declare value | ISO 10545-17 | SM: R>10 \| u>0.6<br>Sandy: R>11 \| u>0.65<br>Flamed: R>12 \| u>0.7 | SM: R>10 \| u>0.6<br>Sandy: R>11 \| u>0.65<br>Flamed: R>12 \| u>0.7 | SM: R>10 \| u>0.6<br>Sandy: R>11 \| u>0.65<br>Flamed: R>12 \| u>0.7 | SM: R>10 \| u>0.6<br>Sandy: R>11 \| u>0.65<br>Flamed: R>12 \| u>0.7 |
| | 16 | Bulk Density (g/cc) | 2.2 Min. | BIS 13630-02 | > 2.2 | > 2.2 | > 2.2 | > 2.2 |
| CHEMICAL PROPERTIES | 17 | Resistance to Stains **(unglazed tiles)** | Class 2, Min. | BIS 13630-08<br>ISO 10545-13 | Class 2, Min. | Class 2, Min. | Class 2, Min. | Class 2, Min. |
| | 18 | Resistance to Chemicals **(unglazed tiles)** | | | | | | |
| | | a. Resistance to low concentration of acids & alkalis | Required | BIS 13630-07<br>ISO 10545-13 | Resistant | Resistant | Resistant | Resistant |
| | | b. Resistance to high concentration of acids & alkalis | Required | | Resistant | Resistant | Resistant | Resistant |
| | | c. Resistance to household chemicals | Required | | Resistant | Resistant | Resistant | Resistant |

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