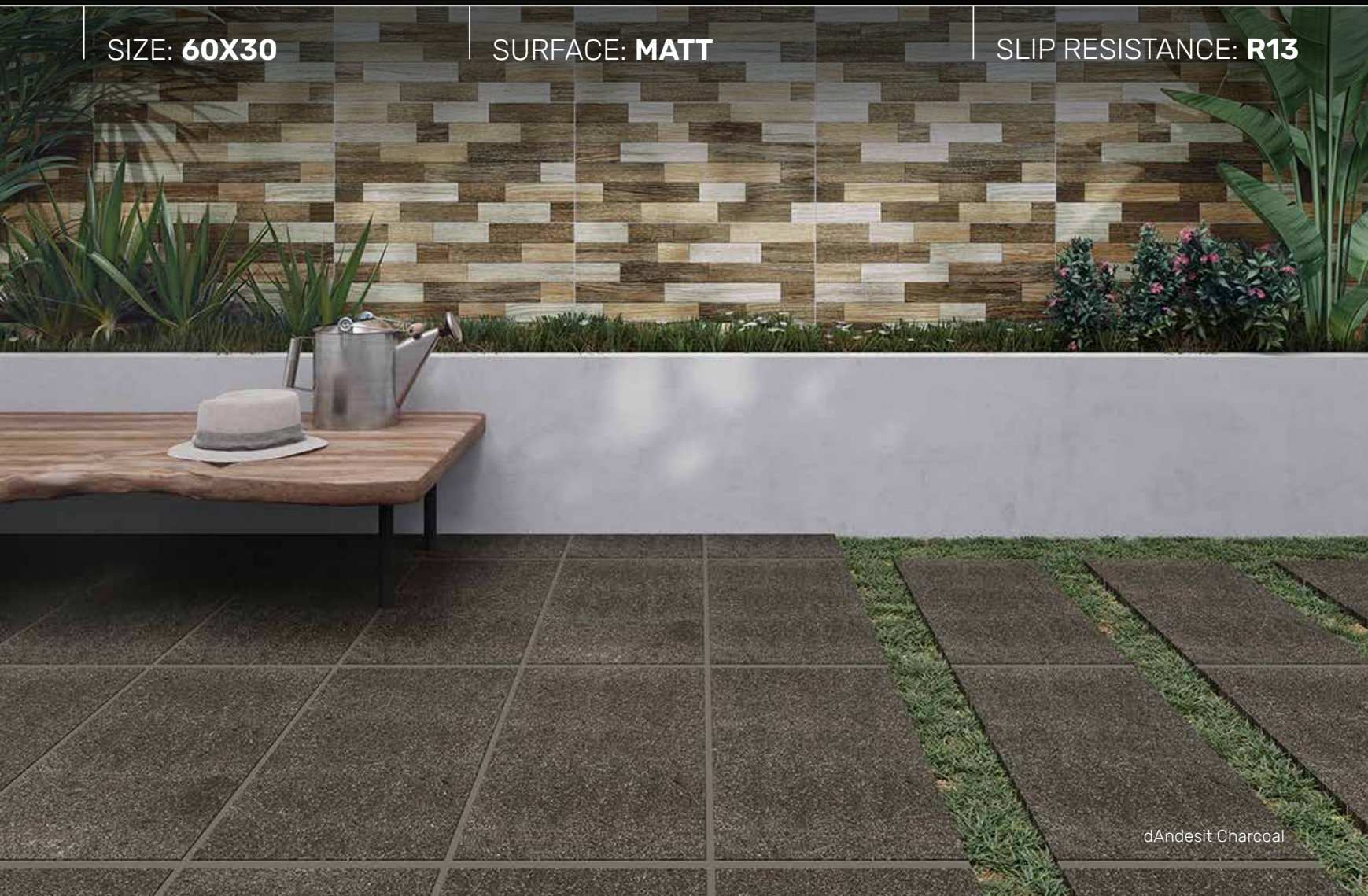




SIZE: **60X30**

SURFACE: **MATT**

SLIP RESISTANCE: **R13**



dAndesit Charcoal



TGT632803CR
dAndesit Smoke



TGT632804CR
dAndesit Charcoal

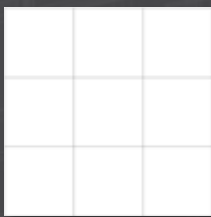
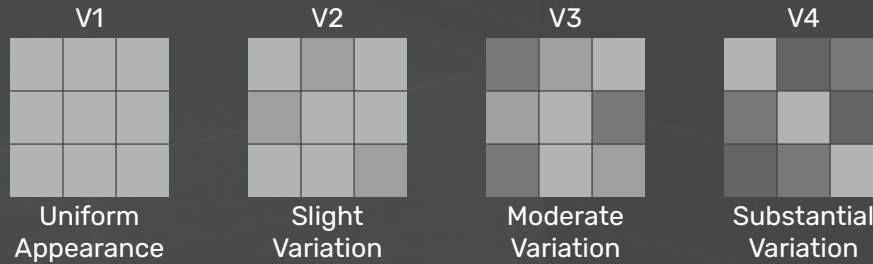
V2



Mild random design (8)

SHADE VARIATIONS

Shade variations are the characteristic of the tile that deliberate and visible differences in graphics and colour hue. Digital Tecnica technology creates stunning porcelain tiles with hyper-realistic surface tones, markings and textures which mimic a range of natural materials including; stone, timber, terracotta, cement, mosaic, marble and more.



V1 (Uniform Appearance)
Differences among pieces from the same production run are minimal.

Olvera Bright
60x60



V3 (Moderate Variation)
Amount and intensity of colors on each piece may vary significantly.

dRajasthan Sand
30x30



V2 (Slight Variation)
Clearly distinguishable differences in texture and/or pattern within similar colors.

dSalvadori White
60x60



V4 (Substantial Variation)
Random color differences each tile, so that one tile may have totally different colors from other tiles.

dDutch Blue
60x60

R-RATING SLIP RESISTANT

Floor tiles these days are given an anti slip rating. This rating comes in the form of an 'R' value (Ramp test) with a scale from R9 to R13 (R9 having the least slip resistance and R13 the highest slip resistance).

| CLASSIFICATION | R9 | R10 | R11 | R12 | R13 |
|----------------|------------|--------------------|--------------------|------------------------|--------------------------|
| SLIP ANGLE | 6-9 DEGREE | 10-18 DEGREE | 19-26 DEGREE | 27-34 DEGREE | >35 DEGREE |
| WET SLIP RISK | HIGH RISK | MODERATE | MODERATE | LOW RISK | LOW RISK |
| AREA OF USE | DRY AREA | OCCASIONAL WETNESS | OUTDOOR ENVIROMENT | WET/OUTDOOR ENVIROMENT | VERY WET COMMERCIAL AREA |

- **R9** : For internal dry area usage.
- **R10** : For internal area with occasional spill or wetness (need constant cleaning/drying) : kitchens and bathrooms.
- **R11** : For internal usage with constant spill or wetness (require continous cleaning and drying effort).
- **R12** : For external usage (works in dry and wet situation with cautions).
- **R13** : For external usage with other contaminant (such as oil).

TECHNICAL SPECIFICATION

| TECHNICAL CHARACTERISTIC | TEST METHOD OR AS PER NORM | ISO 13006 REQUIREMENT | ROMANGRANIT |
|--------------------------|----------------------------|---|------------------------|
| Length and Width | ISO 10545-2 | ± 0.6% | ± 0.10% |
| Side Straightness | ISO 10545-2 | ± 0.5% | ± 0.10% |
| Rectangularity | ISO 10545-2 | ± 0.6% | ± 0.10% |
| Centre & Edge Curvature | ISO 10545-2 | ± 0.5% | - 0.15% to + 0.25% |
| Warpage | ISO 10545-2 | ± 0.5% | ± 0.25% |
| Thickness | ISO 10545-2 | ± 5.0% | ± 4.0% |
| Water Absorption | ISO 10545-3 | Group B1a ≤ 0.5% | < 0.25% |
| Modulus of Rupture | ISO 10545-4 | Group B1a 35 Ind. Min. 32 N/mm ² | ≥ 40 N/mm ² |
| Crazing Resistance | ISO 10545-11 | Required | Resistant |
| Chemical Resistance | ISO 10545-13 | Minimum Class GB | Minimum Class GB |
| Stain Resistance | ISO 10545-14 | Minimum Class III | Minimum Class IV |
| Abrasion Resistance | ISO 10545-7 | Group I to V | Group III to V |

- The governing sizes and weights are subject to usual variations expected of fired ceramic productions.
- Slight variations of shades/colours and surface finishes are inherent due to the nature of ceramic tile production process.

STANDARD PACKING DATA

| FACTORY | TYPE | SIZE | PIECES/BOX | APPROX. SQM/BOX | APPROX. WEIGHT KG/BOX | BOXES/PALLET | PALLET/CONTAINER | APPROX. WEIGHT KG/PALLET | APPROX. WEIGHT TONNE/CONT. | APPROX. SQM/CONT. | APPROX. BOX/CONT. |
|---------|-----------|----------------|------------|-----------------|-----------------------|--------------|------------------|--------------------------|----------------------------|-------------------|-------------------|
| RCI | Rectified | HARDROCK 60x60 | 2 | 0,72 | 33 | 32 | 22 | 1081 | 23,8 | 507 | 704 |
| RCI | Rectified | HARDROCK 60x30 | 3 | 0,54 | 24 | 40 | 24 | 985 | 23,6 | 518 | 960 |
| RCI | Rectified | HARDROCK 30x30 | 6 | 0,54 | 24,5 | 50 | 19 | 1250 | 23,8 | 513 | 950 |

- Packing information may vary depending on specification of each motif and size.
- The colors illustrated in this brochure are produced near to actual colors.