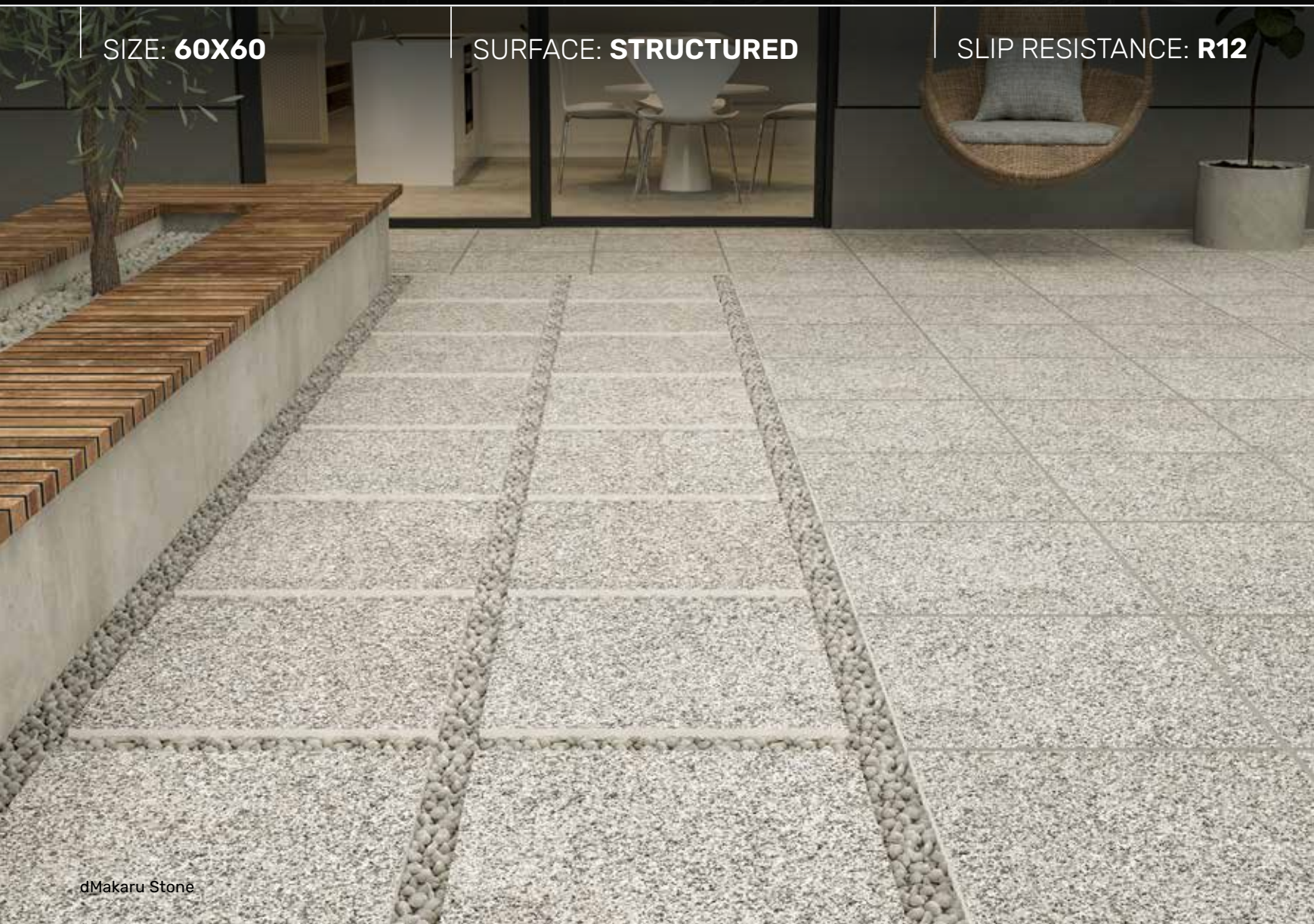




SIZE: **60X60**

SURFACE: **STRUCTURED**

SLIP RESISTANCE: **R12**



dMakaru Stone



TGT605775CR  
dMakaru Stone



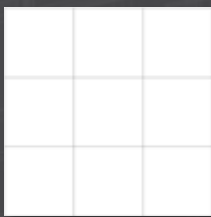
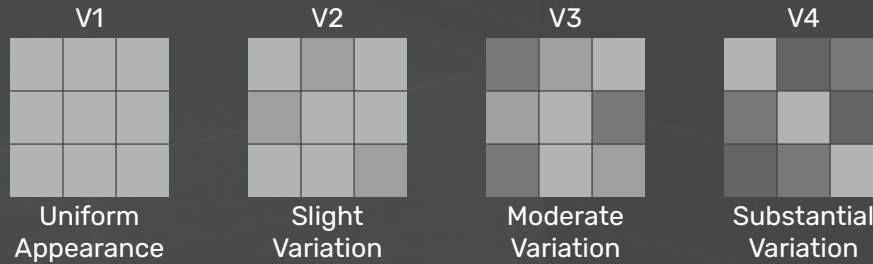
TGT605776CR  
dMakaru Earth



Mild random design (12)

# 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 <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
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.