

# Lode 20mm

*External 20mm / Porcelain Stone*



**4 Colours / 1 Finish / 1 Size**

Lode 20mm is a porcelain stone range available in a neutral palette of mineral tones, that echoes its natural counterpart with its textured granularity. The durability and strength of 20mm porcelain, paired with the anti-slip matt finish, make this product ideal for outdoor use.



# Sizes

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DXF KTL 01



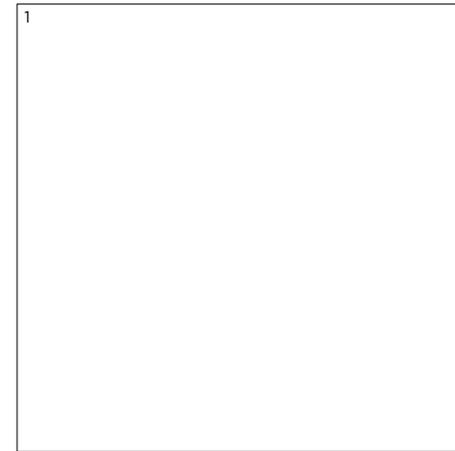
DXF KTL 02



DXF KTL 03



DXF KTL 04



	Size (mm)	Thickness	Finish	Colour Availability
1	595 x 595 (R)	20	Matt	All colours

(R) Rectified size - square edge with bevel.  
Swatch colours may vary from original. Samples should be requested.

# Lode 20mm

## Technical Data

**Product Type: Glazed Porcelain (BS EN 14411 – Group BIa)**

**Use: Floors**

**Product Code: DXF KTL**

### DIMENSION & SURFACE QUALITY

Technical Characteristics	Industry Standards	Requirement	Actual Value
Length & width	BS EN ISO 10545-2	± 0.60% (max. ± 2.0mm)	Conforms
Thickness	BS EN ISO 10545-2	± 5% (max. ± 0.5mm)	Conforms
Edge straightness	BS EN ISO 10545-2	± 0.50% (max. ± 1.5mm)	Conforms
Orthogonality (squareness)	BS EN ISO 10545-2	± 0.50% (max. ± 2.0mm)	Conforms
Planarity (flatness)	BS EN ISO 10545-2	± 0.50% (max. ± 2.0mm)	Conforms
Appearance	BS EN ISO 10545-2	> 95%	Conforms

### SLIP RESISTANCE

Technical Characteristics	Industry Standards	Requirement	Finish
Areas with footwear	BS EN ISO 10545-17 (DIN 51130)	R11 from 19° to 27°	Matt
Areas with bare feet	DIN 51097	C ≥ 24°	Matt
Slip resistance Coefficient of friction	BS 7976-2	Test results upon request	

### PRODUCT QUALITY & DURABILITY

Technical Characteristics	Industry Standards	Requirement	Actual Value
Water absorption	BS EN ISO 10545-3	≤ 0.5%	Conforms
Modulus of rupture (bending strength)	BS EN ISO 10545-4	≥ 35 N/mm <sup>2</sup>	35 – 40 N/mm <sup>2</sup> (Typical value)
Breaking strength	BS EN ISO 10545-4	≥ 1300 N	6000 – 7500 N (Typical value)
Resistance to surface abrasion (glazed tiles)	BS EN ISO 10545-7	PEI *see classifications below	Class 3 – DXF KTL 03 Class 4 – DXF KTL 01, 02 & 04
Linear thermal expansion coefficient	BS EN ISO 10545-8	Declared value	5.9 x 10 <sup>-6</sup> K <sup>-1</sup> (Typical value)
Thermal shock resistance	BS EN ISO 10545-9	No visible defects	Resistant
Crazing resistance	BS EN ISO 10545-11	No visible signs	Resistant
Frost resistance	BS EN ISO 10545-12	No surface alteration	Resistant
Chemical resistance:			
High concentrations of acids & alkalis	BS EN ISO 10545-13	No visible defects	GHA
Domestic chemicals & additives for swimming pools	BS EN ISO 10545-13	GB Min.	Conforms
Stain resistance	BS EN ISO 10545-14	Min. Class 3	Conforms
Reaction to fire	Based on the decision 96/603/EC and its changes	A1 <sub>FL</sub>	A1 <sub>FL</sub>
Recycled content			Ca. 7.5%

#### \*PEI classifications

- PEI 1 – Very light traffic
- PEI 2 – Light traffic
- PEI 3 – Light to moderate traffic
- PEI 4 – Moderate to heavy traffic
- PEI 5 – Heavy to extra heavy traffic



**Important Note:** For installations using pedestals that incorporate a void of 75mm or greater, please contact us for advice regarding the recommended provision of a reinforcing mesh for safety.

All test results are based upon current test data provided by the manufacturer and are provided in good faith. Domus Group cannot be held responsible for any variation in the test data due to changes in manufacture or material characteristics. Errors & omissions excepted. Please refer to Domus Group Terms & Conditions of Sale. March 2021

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