

# Lithos 20mm

*External 20mm / Porcelain Stone*



Floor: DXF DCLT 01 Bush Hammered

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

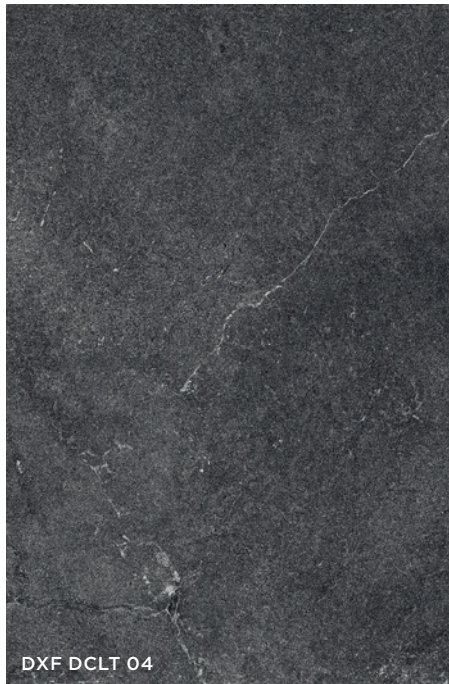
Lithos 20mm is manufactured with a resin die that simulates the effect of bush-hammering, a finish that increases non-slip properties. Suitable for external use only. Refer to Lithos for 14mm thick tile options.



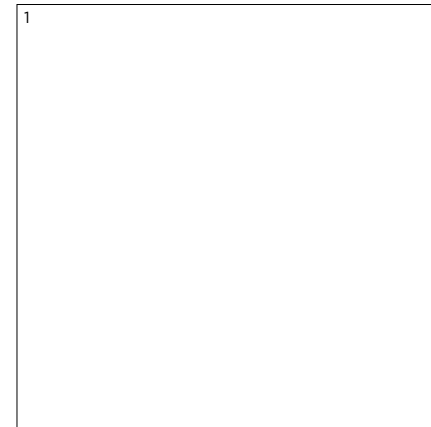
Floor: DXF DCLT 02 Bush Hammered



Floor: DXF DCLT 03 Bush Hammered




# Sizes



|   | Size (mm)                    | Thickness | Finish        | Colour Availability |
|---|------------------------------|-----------|---------------|---------------------|
| 1 | 898 x 898 (R)                | 20        | Bush Hammered | All colours         |
|   | Step Tread<br>598 x 300      | 20        | Bush Hammered | All colours         |
|   | Grill Component<br>598 x 150 | 20        | Bush Hammered | All colours         |

(R) Rectified size - square edge with bevel.  
Step Tread comprises of a straight edge with a groove and drip flap.  
Swatch colours may vary from original. Samples should be requested.

 V2 - Moderate  
Shade Variation

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# Lithos 20mm

## Technical Data

**Product Type:** Unglazed Porcelain (BS EN 14411 – Group Bla)

**Use:** Floors

**Product Code:** DXF DCLT

### 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) | R12 from 27° to 35°       | Bush Hammered |
| Areas with bare feet                    | DIN 51097                      | C over 24°                | Bush Hammered |
| 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%                 | 0.05% (typical value)                                     |
| Modulus of rupture (bending strength)                         | BS EN ISO 10545-4                               | ≥ 35 N/mm <sup>2</sup> | 50 N/mm <sup>2</sup> (typical value)                      |
| Breaking strength   | BS EN ISO 10545-4                               | ≥ 1300 N               | 13600 N (typical value)                                   |
| Resistance to deep abrasion                                   | BS EN ISO 10545-6                               | ≤ 175 mm <sup>3</sup>  | 143 mm <sup>3</sup> (typical value)                       |
| Linear thermal expansion coefficient                          | BS EN ISO 10545-8                               | Declared value         | ≤ 7 x 10 <sup>-6</sup> / °C <sup>-1</sup> (typical value) |
| Thermal shock resistance                                      | BS EN ISO 10545-9                               | No visible defects     | Resistant   |
| Frost resistance  | BS EN ISO 10545-12                              | No surface alteration  | Resistant   |
| Chemical resistance:<br>Low concentrations of acids & alkalis | BS EN ISO 10545-13                              | No visible defects     | ULA   |
| High concentrations of acids & alkalis                        | BS EN ISO 10545-13                              | No visible defects     | UHA   |
| Domestic chemicals & additives for swimming pools             | BS EN ISO 10545-13                              | UB min.                | Conforms  |
| Stain resistance  | BS EN ISO 10545-14                              | Declared value         | Class 5   |
| Reaction to fire  | Based on the decision 96/603/EC and its changes | A1 <sub>FL</sub>       | A1 <sub>FL</sub>  |
| Recycled content  |   |                        | ≥ 40%   |

**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. Jan. 2021



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