

# GRANITE 40MM NATURAL STONE TILES

TECHNICAL DATA SHEET

Granite is RAAFT's premium natural stone surface – true granite, engineered to elevate rooftops and terraces. Available in a range of natural finishes, the slabs are extremely hardwearing and provide visually stunning results.

Granite is installed exactly as porcelain, with kerfed and grooved options to resist wind uplift, prepared at source, specifically for the RAAFT support structure. Each 500 × 500 × 40mm slab is engineered to withstand point loads in excess of 500kg. As the hardest of the natural stones, granite is exceptionally dense and durable, with very low water absorption and outstanding resistance to wear and weathering.

### **Recommended build up to create a durable non-combustible surface**

- 40mm true granite surface finish (500 × 500 × 40mm)
- Kerfed / grooved for wind uplift, prepared at source
- Support on the Raaft system
- Granite does not require sealing

*\*Custom and bespoke pieces available*

### **Available finishes**



Blue Grey



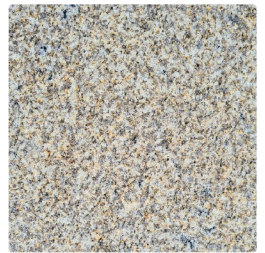
White Black



Light Grey



Dark Grey



Yellow Grey

## Granite technical data

ESSENTIAL CHARACTERISTIC	STANDARD	PERFORMANCE
Petrographic description	EN 1341	Granitoid of two micas, fine, yellow, not porphyroid
Density	EN 1341	2,620 kg/m <sup>3</sup> (min)
Water absorption	EN 1341	0.20% (max)
Open porosity	EN 1341	0.7% (mean)
Compressive strength	EN 1342	164 MPa / 153 MPa (mean)
Compressive strength after freeze / thaw (56 cycles)	EN 1341	164 → 161 MPa
Flexural strength	EN 1341	11.0 MPa / 11.5 MPa (mean)
Flexural strength after freeze / thaw (56 cycles)	EN 1341	11.4 → 11.1 MPa
Wear resistance	EN 1341	2.8 mm (max)
Slip resistance (sawn, wet)	EN 1341	61 USRV (mean) / 60 USRV (min)
Fire behaviour	EN 1341	Class A1

### Find out more or request a sample

Email [sales@raaftsystems.com](mailto:sales@raaftsystems.com) or visit [raaftsystems.com](http://raaftsystems.com)