

# Kiruna Sandstone

Date Created: 20/08/18



Kiruna

Marshall's Kiruna Sandstone is a hard-wearing, strong and durable Sandstone suitable for both pedestrian and vehicular trafficked areas. Buff in appearance, Kiruna is available in in a sawn finish in paving and setts only.

Kiruna Sandstone, like all Marshall's Sandstones, is produced to ISO9001 quality assurance standards and fully tested to the appropriate standards in the UK, as well as being CE marked in accordance with the latest legislation.

| DESCRIPTION                       |   |
|-----------------------------------|---|
| Appearance                        | Beige sandstone with some inclusions  |
| Manufacturing Process             | Sawn  |
| Geological Type                   | Sandstone   |
| Quarry of Origin                  | Shaanxi Province, China   |
| Base Raw Material                 | Sandstone   |
| Governing Manufacturing Standards | All data where relevant to be established in accordance with BS EN 1341 : 2012, BS EN 1342 : 2012 & BS EN 1343 : 2012 |
| Petrographical Description        | Beige sandstone with some inclusions  |
| CE Marking/DOP                    | <a href="https://www.marshall's.co.uk/dop">https://www.marshall's.co.uk/dop</a>                                       |

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### PHYSICAL PROPERTIES

|                                    |   |
|------------------------------------|---|
| Tolerances on Work Dimensions (mm) | Paving Class 1, Setts Class 2 tolerances to all dimensions as standard<br>Others by agreement |
| Abrasion Resistance (mm)           | 18mm (Mean value to EN 14157 : 2004) (Hev=18.6mm)   |
| Material Density                   | 2570 kg/m <sup>3</sup> (Mean value to EN 1936 : 2006)   |
| Open Porosity (%)                  | 3% (Mean value to EN 1936 : 2006)   |
| Water Absorption (%)               | 1% (Mean value to EN 13755 : 2008) (Hev=1.41%)  |
| Transverse/FlexuralSplit/Breaking  | 16 MPa (Mean value to EN 12372 : 2006) (Lev=10.1MPa)  |

### MANUFACTURING

|                   |  |
|-------------------|--|
| Materials Control | CE Marked to BS EN 1341 Paving, 1342 Setts |
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### FURTHER INFORMATION

|            |   |
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| Contact Us | For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233 |
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