

Roter Mainsandstein, Röttbach



Trading names:

Roter Mainsandstein, Mainsandstein rot, Röttbacher Mainsandstein

Information:

The "Roter Mainsandstein, Röttbach" is particularly valued for its uses in natural stonework thanks to its proven, frost-resistant quality and its distinctive colour and texture. Its monochrome red colour gives buildings or façades a stunning appearance. Numerous historical and modern buildings bear witness to this. It is a popular choice for interior and exterior applications owing to its good physical and technical properties. Its tested and certified resistance to weathering is another major plus.

The Röttbach quarry has been in operation for several centuries and is one of the most productive quarries for monochrome-red, fine-grained sandstone in Germany today.

Regional "Roter Mainsandstein" from Röttbach is a highly sustainable building material.

Proof of delivery:

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Petrographic name:

Sandstone

Description:

Red, fine-grained sandstone from the Upper Buntsandstein formation near Röttbach/Lower Franconia (Germany).

Occurrence:

Quarry Röttbach
97892 Kreuzwertheim, Bavaria, Germany

Geo coordinates:

Latitude: 49°48'20.78"N, Longitude: 9°30'32.81"E

Structure:

Red to red-violet, fine-grained sandstone, sediment layers with muscovite mica flakes, finely pored, with a uniformly-graded texture. Occasional small pores and dark-red or whitish inclusions.

Grain colours:

Quartz: pale-red
Cement: pale-red
Accessory minerals: grey-black

Mineral composition (Vol-%), normalized:

(DIN EN 12407)

Quartz (ca. 70%), quartzite (ca. 4%), biotite and muscovite (ca. 4%), alkalifeldspar (ca. 7%), iron mineral (ca. 2%), rock fragments (ca. 12%), accessory minerals (ca. 1%)

Petrographic identification:

Red sandstone with rock fragments and ferritic, siliceous cementation.

Further surface examples and

Information:

www.bamberger-natursteinwerk.de

Proof and confirmation of suitability by EC declaration of conformity, as well as CE marking available. We will be happy to provide your project related with references, test reports and further information.