

# **Primary Facts about Solnhofen Stone**

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## **Chemical Composition:**

Approximately 96% to 98%  $\text{CaCO}_3$  - carbonic lime - approximately 0,5% to 2%  $\text{MgCO}_3$  - carbonic magnesia - rest: metal oxide

## **Weather Resistance:**

Limited guarantee for frost resistance of limestone .

## **Colors:**

Assortment of a natural blending of white, yellow, grey and brown

## **Quartz Veins:**

Natural stones show differently colored narrow or wide veins on their surfaces. These are a result of million year old cracks caused by tectonic forces. Throughout time, these cracks were filled with calcite and grew together.

These glass or quartz veins found in the natural stone slabs and tiles from Solnhofen, that are often mistakenly considered to be filled or grouted, are also a result of this natural occurrence.

The stone is deeply grown within itself and constitutes a uniform and firm compound.

It is important to note that these veins do not lead to instability or breakage sensibility. They are neither mistakes nor faults. On the contrary, they are part of the natural composition that run throughout the stone.

## **Characteristics:**

Consistent in value - increasing its attractiveness throughout the years. Light resistant, colorfast and non fading. All quarry rough and slightly honed surfaces are slip resistant. Surfaces are robust and resistant to abrasion. Care is easy and affordable. The stone is free of cracks pores meaning that it does not require filling. Ecologically safe and environmentally friendly.

## **Size of Slabs:**

Ranges from 150 x 150 mm to 600 x 600 mm in numerous intermediate formats: ie. roman pattern, rose pattern, hexagonal and octagonal slabs, combinations and custom made sizes as well as free lengths possible.