

knoxtile - Buchtal

MATERIAL SAFETY DATA SHEET FOR CERAMIC TILES and PANELS + PORCELAIN TILES

(A) MANUFACTURER:

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G E R M A N Y

CERAMICHE KEOPE
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42013 Casalgrande (RE)
I T A L Y

(B) DISTRIBUTION IN THE UNITED STATES VIA:

knoxtile 214-761-5669

3014 Hickory, Dallas Texas 75226

(C) COMPOSITION OF THE CERAMIC MATERIALS

Buchtal Ceramics is made from naturally exploited raw materials. The tile body contains approx. 55 % clay, 25 % feldspar and about 20% quartz. In some cases iron oxide and titanium oxide are added for coloring. In order to confer the tiles certain properties, chamotte is sometimes incorporated, a granulate made from burnt clay.

Due to the high burning temperatures of 1.270 deg Celsius = 2.320 deg Fahrenheit we can only make use of so-called raw glazed, i.e. feldspar glazes, porcelain glazes.

Neither the tile body nor the glazes contain uranium or radioactive substances, lead, cadmium or uranous oxide and subsequently all our ceramic tiles do not belong to hazardous goods. The natural radiation everybody is exposed to, e.g. due to potassium 40 existing in nature, is not exceeded.

(D) STATEMENTS ON THE ENVIRONMENTAL ACCEPTABILITY

The long durability is ecologically beneficial, since wastes resulting from renovations arise extremely seldom, often after generations only. Removed tiles can be recycled - like other mineral and therefore environmentally friendly debris - e.g. as road metal in street construction, or given back to nature where they one day become again clay or earth without polluting the environment.

Ceramics is odorless and tasteless. It neither exhales nor absorbs any substances from the environment. It is therefore absolutely environmental friendly.

Ceramics does not burn or smolder, i.e. incombustible building material class A1

(E) CONCLUSION

German industrial production plants have to obey the strictest environmental protection laws in the world. All ceramic tiles and panels made in Germany are subject to these pollution control laws. Our products are not only supervised with our own internal control system, but also externally by CSTB, Paris/France (UPEC, NF) and Otto-Graf-Institut FMPA, Stuttgart.

Buchtal Ceramic Tiles are also in conformity with the American Standards ANSI.

 AGROB BUCHTAL

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