

**BERYLLIT LIGHT**

**OTT**

**ARTIFICIAL STONE**

since 1904

**EXTREMELY RESILIENT!**  
**Patio flagstones only 28 mm thick!**

**AWESOMELY STRONG!**

Extremely resilient patio flagstones for the highest requirements:  
around 6.8 kN with only 28 mm thickness!



**NEW**

*Beryllit*<sup>®</sup> light  
Nano-impregnated

# Beryllit® light



## Thin, high-strength and stain-proofed

Beryllit® light enables a completely new way of working with patio flagstones.

The huge resilience of around 6.8 kN with a 28 mm thickness makes Beryllit® light the solution for every problem. Further advantages are the very low weight of 68 kg/m<sup>2</sup>, the high abrasion resistance and the NANO-impregnation in the factory, which offers an optimum surface.

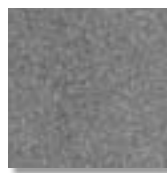
Beryllit® light can be used wherever the designer has until now faced restrictions due to very low installation heights or static conditions. As a result of the high resilience, it is possible to lay them without any difficulty on paving support pads (no need for central foundation).



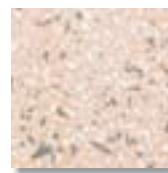
**No. 501**  
shot-  
blasted  
white



**Nr. 502**  
shot-  
blasted  
grey



**Nr. 503**  
shot-  
blasted  
anthracite



**Nr. 504**  
shot-  
blasted  
terracotta



**Nr. 505**  
shot-  
blasted  
vanilla  
yellow

## Advantages for transport, laying and use

### 1. Very low weight

Over 30% weight saving through very low flagstone thickness (28 mm instead of 40 mm or more)

### 2. Very low installation height

Due to the low flagstone thickness, it is easier to achieve the connection heights; especially interesting for balcony installations. In patio areas much less excavation depth is required.

### 3. High serviceability

High bulk densities and thus very low porosity can be achieved by our new and, up until now, unique manufacturing process; the result is a tendency to much lower abrasion in comparison to rival products. The flagstones are produced in a single layer; by doing this, in contrast to twin-layer design, there is no possibility of the grey core concrete showing through or the facing concrete flaking.

### 4. High colourfastness

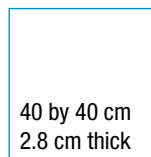
Due to the special manufacturing process (see pt. 3), the flagstones have both a very small tendency to efflorescence and very low susceptibility to staining.

### 5. High bending tensile strength

In spite of being only 28 mm thick, the flagstone demonstrates the same, or sometimes even higher, breaking loads than thicker ones. This is possible due to our innovative manufacturing process that achieves very high bending tensile strengths rising to over 10 N/mm<sup>2</sup>.

## Data and Tips:

### • Dimensions:



- weight: approx. 68 kg/m<sup>2</sup>
- all flagstones have a chamfer running all round that gives a clean joint with the adjacent flagstone
- every flagstone listed is shot-blasted. This ensures a non-slip surface with an attractive appearance
- when laying the flagstones the 3 mm gaps prescribed by DIN 18333 are to be adhered to
- flagstones are given stain-resistant treatment in the factory
- to be laid floating on paving beds
- high abrasion resistance
- to be laid in/on:
  - grit (with jointing spider, leave gaps open or brush in suitable grit. Pay attention to grading when doing this – no leachable components)
  - paving support pads
  - a mortar bed
  - small mortar bags



since 1904

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The product presented here involves concrete paving flags according to DIN EN1339. The appropriate characteristics and test data for the product are summarised in a short report, which can be requested from the builder's merchant or directly from us.

Subject to product variations, changes and colour variations for technical reasons