

## Benefits for transportation, relocation and use

### 1. Low weight

Weight reduction of more than 30% thanks to smaller tile thickness (19.5 mm instead of 40 mm and greater).

### 2. Lower construction height

Altitude junction heights can be achieved easier due to the lower tile thickness; this is especially beneficial for balcony structures. Lower excavation depths are required for patios.

### 3. High fitness for purpose

Our innovative and currently unique manufacturing method achieves high bulk densities and therefore lowers porosity, which tends to result in lower abrasion compared to the competitors' products. The tiles are produced in single layers; in comparison to the double-layer design, the shining through of the grey coarse concrete or the chipping off of the shell lime facing is impossible.

### 4. High colour fastness

Due to the special manufacturing method (see item 3), the tiles have both a low susceptibility to efflorescence as well as a low staining tendency.

### 5. Superior bending tensile strength

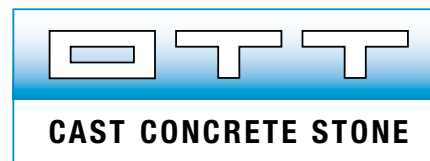
In spite of the very low tile thickness of 19.5 mm, the tile features proportionally almost identical breaking loads as thicker tiles. This is possible thanks to the extremely high bending tensile strengths of more than 9 N/mm<sup>2</sup> achieved with our innovative manufacturing method.

## Data and specifications:

- approx. dimensions: 40 x 40 x 1.95 cm
- weight: approx. 47 kg/m<sup>2</sup>
- all tiles feature a bevelled edge around the circumference, resulting in a clean joint with the adjacent tile
- every listed tile type is shot-blasted with steel balls. This ensures the non-skid surface and appealing visual appearance
- when installing the tiles, the 3 mm joint as set forth in DIN 18333 must be complied with
- the tiles have been impregnated with a dirt-repelling agent at the plant
- high abrasion resistance
- suitable for installation exclusively on:
  - stone chips (with tile spacers; leave joints open or fill with suitable stone chips. Make corresponding allowance for the grain gradation – do not use any leachable components)
  - mortar bed

The presented product relates to concrete tiles in accordance with DIN EN 1339. The corresponding product rating and test data are summarised in a short report available from the building materials retailer or directly from us.

Subject to product deviations, changes and colour deviations due to technical reasons.



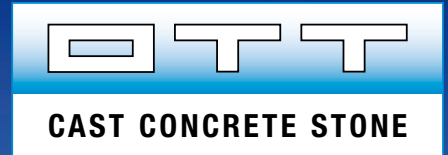
since 1904

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since 1904

**NEW**

**BeryNit<sup>®</sup> amino**  
Nano-impregnated

**ULTRA THIN!**



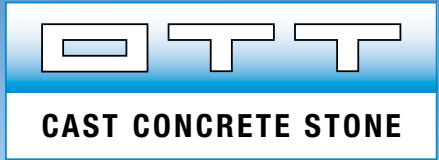
**Bending tensile strength  
of up to 9 N/mm<sup>2</sup> with a  
thickness of only 19.5 mm!**



**NEW**

# Beryllit<sup>®</sup> amino

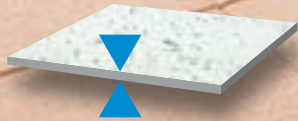
Nano-impregnated



since 1904

Ideal for your balcony and patio!

**ULTRA THIN!**

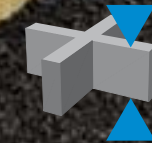


Bending tensile strength of up to 9 N/mm<sup>2</sup> with a thickness of only 19.5 mm!

**EXTRA LIGHT!**



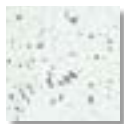
**EXTRA LOW!**



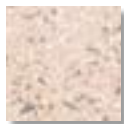
Matching tile spacers with a height of 15 mm

## THE SELECTION

Beryllit Amino	19,5 mm
Beryllit light	28,0 mm
Beryllit Country	32,0 mm
Beryllit Classic	40,0 mm



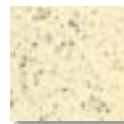
Nr. 601  
marbled white, sand-blasted  
40 x 40 x 1,95 cm



Nr. 604  
terracotta, sandblasted  
40 x 40 x 1,95 cm



Nr. 602  
grey, sandblasted, upon request  
40 x 40 x 1,95 cm



Nr. 605  
vanilla yellow, sand-blasted, upon request  
40 x 40 x 1,95 cm

## THE BENEFITS

For transportation, relocation and use

- ◆ minimal weight
- ◆ high fitness for purpose
- ◆ superior bending tensile strength
- ◆ minimal construction height
- ◆ high colour fastness
- ◆ Highest bending tensile strength class U according to DIN EN 1339 (minimum bending tensile values of more than 9 N/mm<sup>2</sup> depending on the tile type)

## THE MINIMISED REVOLUTION

Ultra thin, extremely strong and impregnated to repel the dirt

The innovative manufacturing method of Ott Concrete is also used for the new "amino" series. The special production technique achieves an extremely high bending tensile strength of the concrete, allowing the production of the innovative, uniquely thin and consequently extremely light tiles.

To protect the dirt-repellent tile surface as provided during production, it is additionally nano-impregnated. This reduces the penetration of water soluble substances into the pore space of the tile and decreases the dirt accumulation tendency.