

Wasa Compound GmbH & Co. KG, 98617 Neubrunn, Germany

# New edition of a classic

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**Romano Classico is the trade name for a beloved natural stone from the region around Rome. The travertine stone has been used in numerous buildings and on public squares since antiquity. Around the world, concrete slabs manufactured using the Wetcast process and exhibiting this natural stone surface conjure up a Mediterranean flair on any residential terrace. Today, Wetcast artificial stones are considered high quality designer products. In keeping with the trend towards expansive, elegant and subdued concrete slabs, Wasa has reinterpreted cast stone in the Roman travertine design.**

## From natural stone to model/master

In the course of numerous journeys to Italy, natural stone slabs were selected at wholesalers for the implementation. Large cast stones up to 2.0 m x 1.0 m can be executed later using the large-format blanks with the refined travertine texture.

Arriving at the south Thuringian factory in Neubrunn, the surfaces of the natural stones were cast with a silicone mat and

secured. To obtain an initial impression of the appearance and feel of the planned concrete blocks and block systems, large-format concrete slabs were cast with the various silicone mats. The various surfaces and faces for the block system will be selected on the cast concrete slab.

Conceived in CAD, the travertine block system consists of four different formats and each format has three different surface variants. The models are processed by CMC for an elegant concrete block product with minimally rounded edges and narrow joints.

When manufacturing the master, Wasa paid attention to the look, feel and functionality of the Terrace slabs. Sharp edges in the open-pored travertine structure that could lead to injuries when walking barefoot are smoothed and spackled at the surrounding chamfer. Due to a special surface finish on the model, the terrace slab also obtained high slip resistance. The overall appearance of the block system is reminiscent of a tumbled antique travertine, level in the Roman style and, nevertheless, very modern.



*Wasa constantly visited dealers in historical building materials for the reproduction of antique elements. The images contain more than 200-year-old design elements and antique natural stone slabs with patina from public squares in Venice.*



*The various surfaces and faces for the block system will be selected on the cast concrete slab 2.0 m x 1.0 m.*

### Marketing and Wetcast moulds in polyurethane

The new travertine stone series was jointly developed with the Greystone Ambient & Style GmbH & Co. KG company, a subsidiary of the Lithonplus group of companies. Greystone replaced its existing travertine series and moulds with the modern, sophisticated version from Wasa.

With the product launch in May 2017, two colour choices are available for the travertine stone series. Customers can design their terrace and grounds in pina creme or trendy anthracite colours.

The block system will be continually expanded with additional products such as pool edging, bed surrounds and wall systems.

Wasa is not a new or unfamiliar supplier for Greystone. Both companies have worked together successfully since 2014. Noteworthy for the quality of Wasa Wet-cast moulds is that terrace slabs in the Timber series are now in the fourth year of daily production. The original polyurethane moulds delivered in 1,000 x 250 mm x 45 mm format in 2014 have been filled approximately 800 times so far. The Wasa moulds continue to be stable in both dimensions and shape and continue to be used.



**HOW FLEXIBLE  
CONCRETE  
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- Semi- or fully automatic manufacturing systems for both dry cast and wet cast concrete products
- Dry cast & wet cast moulds for the precast industry

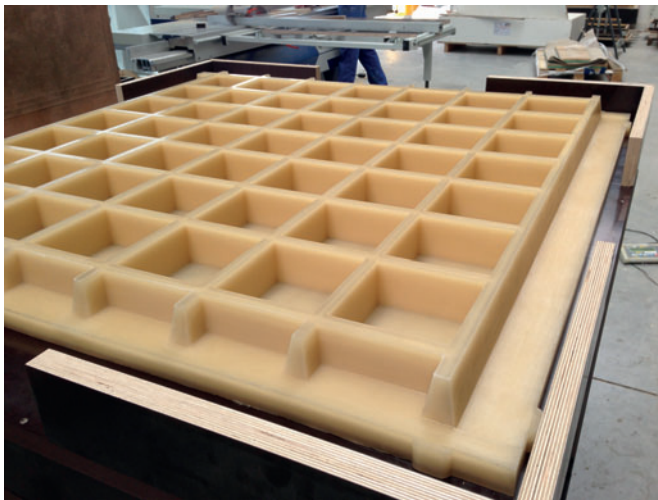




Cast stone with minimally rounded edges and spacers processed by CNC in "pina creme" colour and "antique travertine" finishes.



Modern travertine combination with formats: 900 x 450 mm, 600 x 450 mm und 450x450 mm.



Self-supporting Wetcast mould for small-scale blocks. The blocks are removed using a roller.



Example of a further European design variations from Wasa: Wet cast concrete block replica of a finely crystalline sparkling slate from Norway

In addition to further European designs, international customers can acquire the innovative and complete travertine product line by purchasing Wetcast moulds. Wasa does not charge a license fee.

The mould model will be matched to the existing or planned production plant. Demoulding using a roller is widespread in north America. Self-supporting yet flexible polyurethane moulds were developed especially for this technique.

Wasa will present its European design lines and solutions related to the subject of Wetcast for the first time at international trade shows such as the 2018 World of Concrete in Las Vegas.

#### FURTHER INFORMATION



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