

Next-generation technical porcelain stoneware tiles: Introducing Stonetech by Casalgrande Padana

Stonetech is the new full-body technical tile collection inspired by the rocks of the Central Alps.

Casalgrande Padana's research and experimentation, cutting-edge production process, and technical expertise acquired in its 60 years in the business have led to the **Stonetech** collection. These new **technical porcelain stoneware tiles** replicate the texture and effects of the rocks of the Central Alps: marble, quartz, and feldspar fragments of different sizes blend within the slab, becoming one with it.

Stonetech comes in five colours (Stonewhite, Stonegrey, Stonepearl, Stonesand and Stoneblack) and three formats (60x120, 60x60, and 30x60 cm) with a 9 mm thickness and a natural or anti-slip bushhammered finish.

This collection further expands Casalgrande Padana's range of **full-body technical porcelain stoneware tiles**. It stands out for its high resistance to footfall, flexure, frost, and temperature fluctuations. Moreover, Stonetech maintains its aesthetic and functional features over time, making it perfect for projects requiring durability and wear resistance. These **technical tiles** have even colours and a consistent appearance due to their identical surfaces and body structures. So, for example, if you remove the top layer, you'll discover an identical one underneath without affecting the tiles' aesthetics and functionality.

The random repetition of irregular patterns makes each tile a unique decorative element that architects and designers can use for any application and building. The overall effect is that of a modern jigsaw puzzle creating sophisticated **indoor** and **outdoor floors** and **walls** of public buildings, shopping centres, industrial complexes, and even new and restored residential buildings. But there's more. **Stonetech** is also ideal for **façade cladding** (insulation systems and ventilated walls).

Casalgrande Padana porcelain stoneware tiles are functional and versatile. They're made exclusively with natural raw materials, making them environmentally sustainable and fully recyclable. They're also non-allergenic, fire-resistant, and have antibacterial and self-cleaning properties, thanks to the [Bios Ceramics](#) treatment (available upon request). In addition, they fit into any setting, helping define the spaces of the future through research, recognition of the past, technology, innovation, and knowledge.

By Sara Costi