**Designing with water, in water, using Casalgrande Padana porcelain stoneware**

Large swimming facilities, water parks, spa resorts, wellness areas, large spa centres and wellness centres are important architectural works, so the choice of **coverings** is of the utmost importance. The presence of surfaces that are either wet or completely under water means that materials with specific anti-slip characteristics must be used. From its wide, varied range, Casalgrande Padana has thus selected a number of [**porcelain stoneware collections**](https://www.casalgrandepadana.it/it/soluzioni/swimming-pool/) that offer **floorings** able to guarantee excellent technical performance, with safe, reliable anti-slip finishes that are easy to clean, hygienic and [**antibacterial**](https://www.casalgrandepadana.it/it/tecnologia/antibacterial/).



*Multiplex Aquatique du Saint Gilles Croix de Vie (France) – Landscape Ocean and Tundra*

**What Casalgrande Padana has to offer**

**Landscape Collection**

Specifically studied for pool interiors and wall coverings, the [**Landscape**](https://www.casalgrandepadana.it/it/prodotto/landscape/) collection teams the technical qualities of porcelain stoneware with the distinctive appearance of the various types of **mosaics** and **decorations** it is composed of: from those created using the waterjet cutting technique to decorate the waterline, the bottom or the walls of the pool, to decorations created by combining tiles of different formats and colours, particularly suitable for creating large-size decorative patterns.



*Landscape Collection*

**Elementi Collection**

The fully vitrified, non-glazed, full-body coloured porcelain stoneware gives the [**Elementi**](https://www.casalgrandepadana.it/it/prodotto/elementi/) collection greater resistance to physical, mechanical and chemical stress, making it suitable – with the right surfaces – for all types of indoor and outdoor **flooring** in **swimming pool** areas. The various anti-slip surfaces are all created by edging the tiles to ensure their original anti-slip coefficients are maintained over time.



*Leffrincuke Swimming Pool (France) – Elementi Collection*

**Atolli Collection**

The offer of **porcelain stoneware tiles for swimming pools** is completed by the [**Atolli**](https://www.casalgrandepadana.it/it/soluzioni/swimming-pool/atolli/)collection of glass paste **mosaics**. The 2x2 cm tesserae are just 3 mm thick, and can be used to tile curved surfaces, edges and corners of any shape, both in the pools and in the surrounding areas. This versatile tool in the hands of the project designer can be used to recreate appealing shades of water and pleasant backdrops for the wall coverings.



*Atolli*

Swimming pools, sports facilities and wellness centres are constructions that must be able to guarantee high performance, so they require an extremely careful project approach and construction technique (from water recovery systems to safe coverings for the architectural elements), as well as the use of a large number of ceramic trims to cover particular profiles and adapt to the shapes of the building elements. These include the **pool borders** (Finnish system, deck-level Wiesbaden system, wall-level Wiesbaden system, Zurich system and St. Moritz system) and **complementary elements**, including overflow channels, headwalls, islands, stairs and steps, seats and loungers.

Casalgrande Padana has also selected a number of **stone-effect** (Amazzonia, Chalon, Marte, Mineral Chrom and Pietra Baugè) and **wood-effect** (Country Wood and Newood) collections, complete with formats that range from the small 15x15 cm size up to the large 60x120 cm, as well as mosaics, decorations and trims, able to guarantee style, duration and safety and thus suitable for use in **public swimming pools**, **wellness centres** or **spa centres**.

**Routes for the visually disabled**

Casalgrande Padana has always paid close attention to social issues and to disabilities, and has developed and created the [**Granitogres Tactile**](https://www.casalgrandepadana.it/it/prodotto/tactile/) project, a system of relief codes impressed directly on the **porcelain stoneware tiles**, used to create complete tactile routes able to make it easier and safer for the blind and visually impaired to move around independently in public buildings and in the urban environment in general.

**Bios Antibacterial**

In traditional swimming facilities, as well as in modern wellness centres, removing bacteria from surfaces offers significant added value to combat mould, yeast and fungi. **Bios Antibacterial®** is a range of **porcelain stoneware** flooring and covering products that can remove up to 99.9% of the four most common bacterial strains present in confined environments: *Staphylococcus aureus*, *Escherichia coli*, *Pseudomonas aeruginosa* and *Enterococcus faecalis*.

The active principle of [**Bios Antibacterial®**](https://www.casalgrandepadana.it/it/tecnologia/antibacterial/) is based on the use of silver, a noble material widely employed in the production of everyday objects and with antibacterial properties known since ancient times, so it is non-toxic and absolutely harmless to health, non-allergenic in contact with the skin and does not release substances that are toxic for the environment.

**Bios Antibacterial®** uses a technology based on the slow, controlled release of silver ions that block the metabolism of the bacteria, removing them and preventing them from spreading. Because this antibacterial treatment is permanently integrated into the ceramic product, the wear and tear of the floor does not alter the antibacterial performance of the tile.

The protective shield formed by **Bios Antibacterial®** remains active day and night, with or without sunlight, and does not require UV rays to activate it.

**Why choose Casalgrande Padana porcelain stoneware for tiling swimming pools?**

**Casalgrande Padana porcelain stoneware** is durable, non-absorbent, resistant to thermal shock, frost and atmospheric agents, as well as the **most aggressive** chemical agents (with the sole exception of hydrofluoric acid); it guarantees excellent mechanical resistance, does not decay and maintains colour fastness over time; it is resistant to UV rays, and thanks to the [**Bios Antibacterial®**](https://www.casalgrandepadana.it/it/tecnologia/antibacterial/) technology, it is able to combat mould, yeast and unpleasant odours.