

# CERAMIC FLOOR AND WALL TILING

## UNI 11493:2017 Standard

This standard stands as a guide for the creation of professional floor or coating that can ensure performance over time. It consists of two parts:

**Part 1**, called **“Design, installation and maintenance instructions”**, defines the quality and performance of ceramic tiling, provides rules and instructions for the choice of materials, design, installation, use, and maintenance and specific typical compliant solutions, such as to ensure the attainment and maintaining over time of required levels of quality and performance. It applies to all types of ceramic tiles.

Some basic requirements are found within it:

**Features and requirements of ceramic tiling:** regularity, durability, maintainability, safety, sustainability.

Requirements related to supports: ageing, conditions, compactness, resistance, dimensional regularity, surface finish and moisture.

**Selection and specification of tiles**, adhesives, material for grout and installation techniques related to project data.

**Requirements concerning installation layout** such as minimum width of the grout.

Requirements related to joints.

**Design solutions for some significant situations:** heated floors, swimming pools, terraces, façades, laying of large size/thin tiles.

Laying: verifications, checks and procedures.

Instructions for correct maintenance.

**Part 2**, called **„Knowledge, skill and competency requirements for installers of ceramic floor and wall tiles,”** defines the role of the installer, outlining the basic requirements together with the body of knowledge, skills and competencies.