
**Ceramic tiling systems —
Sustainability for ceramic tiles and
installation materials —**

**Part 1:
Specification for ceramic tiles**

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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This document was prepared by Technical Committee ISO/TC 189, *Ceramic tile*.

A list of all parts in the ISO 17889 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

This document outlines the requirements for sustainable tiles and installation materials including environmental, economic and social criteria, in order to:

- promote the development and use of sustainable ceramic tiles and installation materials;
- guide all stakeholders in environmental responsibility throughout the supply chain for tiles and installation materials;
- provide a verifiable resource for tile product specification and for design professionals, contractors and consumers to identify sustainable tiles and installation materials;
- increase the value of sustainable tiles and installation materials throughout the supply chain by creating greater market awareness and demand.

This document provides a system for sustainability assessment of products throughout their life cycle using qualitative and quantitative indicators for environmental performance and for social and economic responsibility pertaining to the design, manufacture, installation, and use of ceramic tiling systems. This document is focused on ceramic tiles, as part of the tiling system.

This document can be used to assess the sustainability performance of the product of interest.

Evaluation schemes, taking into account the materials mentioned in the product standards, to enable comparability of the results of assessment, are part of this document.

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