



**International  
Standard**

**ISO 7728**

**Typical horizontal joints between  
an external wall of prefabricated  
ordinary concrete components  
and a concrete floor — Properties,  
characteristics and classification  
criteria**

**Second edition  
2026-03**

*Assemblages horizontaux courants entre une façade en  
composants préfabriqués en béton ordinaire et un plancher  
en béton — Propriétés, caractéristiques et éléments de la  
classification*

# Sample Document

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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 59, *Buildings and civil engineering works*, Subcommittee SC 19, *Prefabricated building*.

This second edition cancels and replaces the first edition (ISO 7728:1985), which has been technically revised.

The main changes are as follows:

- update of reference documents;
- addition of terminological entries for “surface temperature coefficient” (3.4), “fire resistance” (3.5) and “concrete sandwich board” (3.6);
- addition of Tables 1, 2 and 3, integrating 4.1 and 5.5.2;
- addition of 5.2, regarding the indexes of thermal transmission;
- addition of 5.3, refining the data and measurement of sound insulation *R* value;
- addition of Figure 2, integrating Clause 5;
- redrafting of 5.5.3 to describe the overlap range in different building environments;
- redrafting of 5.5.4 to describe the setting of capillary fracture width between the fracture surface and the vertical plane;
- addition of  $\mu$  value calculation reference in 5.6;
- addition of joint fillers to the condensation coefficient inside, fire resistance, and emission of gases or toxic smoke in 5.6, 5.8 and 5.9;
- addition of explanation of heterogeneity coefficient, *Q*, in 5.10;
- redrafting the text describing durability in 5.11;

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- addition of description of maintenance of jointing materials in [6.1](#);
- addition of the characteristics of joints dimension in [Clause 7](#).

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