Draft for Public Comment

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Responsible committee: CB/301

Interested committees:

Title: Draft BS ISO 7728 Typical horizontal joints between an external wall of prefabricated ordinary concrete components and a concrete floor - Properties, characteristics and classification criteria.

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at **https://standardsdevelopment.bsigroup.com/**. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx

1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex **(e.g. 3.1)**	Paragraph/ Figure/Table/Note	**Type of comment**	**Commend (justification for change) by the MB**	**Proposed change by the MB**	**Secretariat observations on each comment submitted**
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	

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DRAFT International Standard

ISO/DIS 7728

ISO/TC **59**/SC **19**

Secretariat: **SAC**

Voting begins on:
2025-06-11

Voting terminates on:
2025-09-03

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

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

ICS: 91.080.40

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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).

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This document was prepared by Technical Committee *[or Project 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:

— Updating of reference documents;

— combination of clause 1 scope and clause 2 field of application;

— addition of terminological entries for “surface temperature coefficient” (3.4), “fire resistance**” (3.5)** and “concrete sandwich board” **(3.6)**;

— addition of table 1, 2 and 3, integrating the subclause 4.1, 5.4.1 and clause 8;

— addition of subclause 5.1.2, 5.1.3, regarding the indexes of thermal transmission;

— addition of subclause 5.2.2, refining the data and measurement of sound insulation R value;

— addition of Figure 2, integrating the subclause 5;

— redrafting of subclause 5.4.1 to describe the overlap range in different building environment;

— redrafting of subclause 5.4.2 to describe the setting of capillary fracture width between the fracture surface and the vertical plane;

— addition of μ value calculation reference in the subclause 5.5.1;

— addition of joint fillers determines the condensation coefficient inside, fire resistance, and emission of gases or toxic smoke in subclause 5.5.1, 5.7, 5.8;

— addition of explanation of heterogeneity coefficient, Q in subclause 5.9;

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