

ISO 7729:2026-04 (E)

Typical vertical joints between two prefabricated ordinary concrete external wall components - Properties, characteristics and classification criteria

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Properties of joints and agents to which they are exposed	2
4.1	Properties	2
4.2	Agents to which joints are exposed	3
5	Characteristics of joints	4
5.1	General	4
5.2	Thermal transmission between internal and external environments	4
5.3	Influence of joint on acoustical insulation of the floor	4
5.4	Air permeability of joints (between external and internal environments)	4
5.5	Water tightness	4
5.5.1	Families of joint (solutions given by way of examples)	4
5.5.2	Supplementary arrangements	7
5.6	Water vapour condensation	7
5.6.1	On the internal face of the wall and/or floor in the vicinity of the joint	7
5.6.2	Inside the joints	8
5.7	Transmission of forces	8
5.7.1	Bracing wall	8
5.7.2	Supported external wall	8
5.8	Fire resistance	8
5.9	Emission of gases or toxic fumes in the event of fire	8
5.10	Internal and external appearance	9
5.11	Durability	9
6	Other indications to be given	9
6.1	Maintenance of jointing materials	9
6.2	Replacement of degradable jointing materials	9
6.3	Dismantling and reassembling components	9
7	Dimensional coordination	9
8	Classification criteria	10
Bibliography		11