

Table 1 - Degree of fire resistance of the building and fire resistance class of building structures according to DBN B 1.1-7: 2016.

Fire resistance	The minimum values of fire resistance classes of structures and the maximum values of groups spreading fire on them								
	Walls				Colons	Staircases, kosoura, steps, stairs, beams of staircase marches	Interfloor overlappings (including attic and above basements)	Elements of combined coatings	
	loadbearing	self-supporting	external non-bearing	internal non-bearing				plates, flooring, girders	beams, trusses, arches,
I	REI 150 MO	REI 90 MO	E 30 MO	EI 30 MO	R 150 MO	R 60 MO	REI 60 MO	RE 30 MO	R 30 MO
II	REI 120 MO	REI 60 MO	E 15 MO	EI 15 MO	R 120 MO	R 60 MO	REI 45 MO	RE 15 MO	R 30 MO
III	REI 120 MO	REI 60 MO	E 15, MO E 30, M1	EI 15 M1	R 120 MO	R 60 MO	REI 45 M1	Not regulated	
IIIa	REI 60 MO	REI 30 M1	E 15 M1	EI 15 M1	R 15 MO	R 60 MO	REI 15 MO	REI 15 M1	R 15 MO
IIIб	REI 60 M1	REI 30 M1	E 15, MO E 30, M1	EI 15 M1	R 60 M1	R 45 MO	REI 45 M1	E 15, MO E 30, M1	R 45 M1
IV	REI 30 M1	REI 15 M1	E 15 M1	EI 15 M1	R 30 M1	R 15 MO	REI 15 M1	Not regulated	
IVa	REI 30 M1	REI 15 M1	E 15 M2	EI 15 M1	R 15 MO	R 15 MO	REI 15 MO	RE 15 M2	R 15 MO
V	Not regulated								

Note 1. Classes of fire resistance of building structures are determined depending on the normalized limit states and the limits of fire resistance in accordance with DBN B. 1.1-7 DSTU B 1.1-4, defined in Annex G.

Note 2. The fire resistance class of self-supporting walls, which are taken into account in calculations of the rigidity and stability of a building, is accepted as for load-bearing walls.

Note 3. Fire propagation groups for building structures are determined by the method given

in Appendix D of these Norms.