

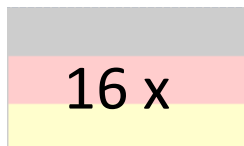
# Legislative procedure „Construction products“



Construction Products Regulation



Building Products Act / Model Building Regulation



Local Building Regulation

# National Implementation in Germany I

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## 1. Building Products Act – Amendment Act

*Law amending the Building Products Act and other laws to the Regulation (EU) No 305/2011 laying down harmonised conditions for the marketing of construction products*

- German Institute of Construction Technology, DIBt, as notifying authority
- German Accreditation Body, DAkkS, as accrediting body
- Additional implementing regulations for the market surveillance
- Administrative fine/ criminal offence

# National Implementation in Germany II



The German construction law imposes requirements on the fire behavior of building materials and components in § 26 section 1 of the model building regulation.

## § 26

### General Requirements for fire behavior of building materials and components

(1) Building materials are distinguished according to the requirements of their fire behavior in

1. non-flammable, → A<sub>ca</sub>
2. flame-retardant → at least B1<sub>ca</sub>
3. normally flammable. → at least E<sub>ca</sub>

Building materials that are not at least normal flammable (easy flammable) may not be used, this does not apply when used in conjunction with other materials so that they are not easy flammable.

# Proposal of the German cable makers' industry I



Building classes according to the German model building regulation (Musterbauordnung)				Fire classes	
Class	Description			Minimum requirements	
				Building (except for escape routes)	Escape route
1	detached building or detached building for agricultural or forestry-related use	up to 7 m	not exceeding a total of 400 m <sup>2</sup>	E <sub>ca</sub>	
2	buildings	up to 7 m	not exceeding a total of 400 m <sup>2</sup>	E <sub>ca</sub>	
3	other buildings	up to 7 m		E <sub>ca</sub>	B2 <sub>ca</sub> s1 d1 a1
4	other buildings	up to 13 m	up to nx400 m <sup>2</sup>	E <sub>ca</sub>	B2 <sub>ca</sub> s1 d1 a1
5	other buildings including underground buildings			C <sub>ca</sub> s1 d2 a1	B2 <sub>ca</sub> s1 d1 a1
<b>Special-purpose constructions</b>					
S 1	high-rise buildings	exceeding 22 m		C <sub>ca</sub> s1 d2 a1	B2 <sub>ca</sub> s1 d1 a1
S2	construction works	exceeding 30 m		C <sub>ca</sub> s1 d2 a1	B2 <sub>ca</sub> s1 d1 a1
S3	buildings	with the largest floorspace of 1600 m <sup>2</sup> , except for residential buildings and garages		C <sub>ca</sub> s1 d2 a1	B2 <sub>ca</sub> s1 d1 a1
S4	sales outlets	exceeding 800 m <sup>2</sup>		C <sub>ca</sub> s1 d2 a1	B2 <sub>ca</sub> s1 d1 a1
S5	office/administration	rooms exceeding 400 m <sup>2</sup>		C <sub>ca</sub> s1 d2 a1	B2 <sub>ca</sub> s1 d1 a1
S6	buildings with single rooms	single rooms can be used with more than 100 persons		C <sub>ca</sub> s1 d2 a1	B2 <sub>ca</sub> s1 d1 a1
S7	places of assembly	more than 200 persons		C <sub>ca</sub> s1 d2 a1	B2 <sub>ca</sub> s1 d1 a1
S8	restaurants/hotels	for more than 40 guests in buildings, more than 12 beds, casinos more than 150 m <sup>2</sup>		C <sub>ca</sub> s1 d2 a1	B2 <sub>ca</sub> s1 d1 a1

# Proposal of the German cable makers' industry II



Building classes according to the German model building regulation (Musterbauordnung)			Fire classes	
Class	Description		Minimum requirements	
			Building (except for escape routes)	Escape route
S9	buildings with functional units provided for care or assistance dependent people	more than 6 persons, need for intensive care	B2 <sub>ca</sub> s1 d1 a1	B2 <sub>ca</sub> s1 d1 a1
S10	hospitals		B2 <sub>ca</sub> s1 d1 a1	B2 <sub>ca</sub> s1 d1 a1
S11	other facilities for accommodating people like residences		C <sub>ca</sub> s1 d2 a1	B2 <sub>ca</sub> s1 d1 a1
S12	day-care facilities for children, disabled people and elderly		B2 <sub>ca</sub> s1 d1 a1	B2 <sub>ca</sub> s1 d1 a1
S13	schools, universities or similar facilities		C <sub>ca</sub> s1 d2 a1	B2 <sub>ca</sub> s1 d1 a1
S14	penal institution and construction works for psychiatric hospital treatments		C <sub>ca</sub> s1 d2 a1	B2 <sub>ca</sub> s1 d1 a1
S16	leisure/ amusement parks		C <sub>ca</sub> s1 d2 a1	B2 <sub>ca</sub> s1 d1 a1
S18	warehouse shelf with top of the load higher exceeding 7,5 m		E <sub>ca</sub>	B2 <sub>ca</sub> s1 d1 a1
S19	construction works for storage of substances with increased fire hazard		B2 <sub>ca</sub> s1 d1 a1	B2 <sub>ca</sub> s1 d1 a1

Further classification recommended by the German cable makers' industry				
	Industry buildings		C <sub>ca</sub> s1 d2 a1	B2 <sub>ca</sub> s1 d1 a1
	server rooms		B2 <sub>ca</sub> s1 d1 a1	B2 <sub>ca</sub> s1 d1 a1
	road tunnels		B2 <sub>ca</sub> s1 d1 a1	B2 <sub>ca</sub> s1 d1 a1
	rail tunnels		B2 <sub>ca</sub> s1 d1 a1	B2 <sub>ca</sub> s1 d1 a1
	underground parking		C <sub>ca</sub> s1 d2 a1	B2 <sub>ca</sub> s1 d1 a1