Requirement to	Requirement in Building Class 1	Possible Exception	to be checked by an engineer	to be checked by an mvdXML file
Tragende Wände, Stützen (Art. 25 BayBO) *(Load-Bearing Walls and Pillars)*	must remain stable sufficiently long in the event of fire	-	✓	X
- load-bearing walls and pillars in the basement	fire retarding	-	✓	(✓)
Außenwände (Art. 26 BayBO) *(Exterior Wall)*	The fire spread in these building components must remain stable sufficiently long in the event of fire	-	✓	X
Brandwände (Art. 28 BayBO) (Fire Walls)	Fire walls must prevent the spread of fire to other buildings or fire compartments for a sufficiently long time as space enclosing components to enclose buildings (building termination wall) or to subdivide buildings into fire compartments (inner fire wall).	-	✓	(✓)
inner fire wall for sectioning buildings in parts < 40 m	highly fire retarding	-	✓	(✓)
inner fire wall for sectioning buildings used for agricultural and forestry purpose in parts < 10.000m³ volume capacity	highly fire retarding	-	✓	(✓)
inner fire wall for sectioning the residental part and the agricultural and forestry used part of a building	highly fire retarding	-	✓	(✓)
exterior fire wall for exterior walls with a clearance for property line < 2,50m	highly fire retarding	-	✓	X
exterior fire wall for sectioning residental buildings and assembled agricultural and forestry buildings	even under mechanical stress fire resisting and made out of non-combustable materials	if the volume capacity of the agricultural and forestry building part < 2000 m³, fire resisting walls are possible	✓	X
arrangement of the fire walls	must be built directly one above another in all storeys	only storeywise moved, if - walls are fire resisting even under mechanical stress and made out of non-combustable materials - connected ceilings haven't got openings, are fire resisting and are made of non-combustible materials - building parts which support the wall or ceilings are fire resisting and made of non-combustible materials - the outer walls are fire resistant in the width of the offset in the storey above or below the offset - openings are arranged in the outer walls in the region of the offset or other precautions are taken so that a fire spread to other fire sections is not to be feared	✓	X
upper closure	Fire walls must be rised at least under the roof skin. Remaining voids must be completely filled with non-combustible building materials.	-	✓	(✓)
Fire walls of buildings or building parts colliding over corner	the distance of this wall from the inner corner must be at least 5 m	this is not necessary if the angle of the inner corner is more than 120 degrees or at least one outer wall of 5 m length is designed as a fire-resistant wall made of non-combustible building materials without openings, or in buildings of building classes 1 to 4 as a highly-fire-retardarding wall without openings	✓	X
Decken (Art. 29 BayBO) *(Ceiling)*	Ceilings must be build as space enclosing components between different floors, They must must remain stable and resistant sufficiently long in the event of fire	-	✓	(✓)
ceilings in the basement	fire retarding	-	✓	(✓)
ceilings below and above rooms with danger of explosion or fire	fire resisting but no requirements in residental buildings	-	✓	X
ceilings between agricultural and forestry used rooms and the residential part of the building	fire resisting	-	✓	X

Requirement to	Requirement in Building Class 1	Possible Exception	to be checked by an engineer	to be checked by an mvdXML file
ceiling's connection to the exterior walls	The fire spread in these building components must remain stable sufficiently long in the event of fire	-	✓	X
openings into ceilings for ceilings which has explicitly requirements for resistance to fire	allowed	-	✓	(✓)
Dächer (Art. 30 BayBO) *(Roof)*	Roofs must be sufficiently resistant to fire exposure from outside due to flying sparks and radiant heat (hard roofs)	-	✓	X
Roof	hard roof (relief on certain conditions)	-	✓	X
Erster und zweiter Rettungsweg (Art. 31 BayBO) *(First and Second Escape Route (ER))*	All utilization units with abode rooms on each level must be accessible to the outside via at least two escape routes that are independent from one another. Both escape routes are allowed to go through the same necessary aisle within a storey	-	✓	X
first ER (not at ground level)	necessary stairway	-	✓	X
second ER (not at ground level)	another necessary stairway or rescue devices from the fire brigade (from a spandrel height of 8m only if the fire brigade has the reqired devices)	a second ER is not reqired, if the building has safety stairwell (it's a stairwell in which fire an smoke can't enter)	✓	X
Treppen (Art. 32 BayBO) *(Stairway)*	Every storey which is not at ground level and every usable attic room of a building must be accesible via at least one stairway or a flat ramp (necessary stairway)	-	✓	X
escalator used as necessary stairway	not allowed	-	✓	✓
retractable stairs and ladders	only permitted as acces to an attic space without an abode room	-	✓	X
width of the necessary stairway	The usable width of the flight of stairs and landings of necessary stairways must be sufficient for the largest expected traffic.	-	✓	X
handrail	Stairways must have a strong and secure handrail.They should be provided on both sides and, in the case of large usable width, also intermediate handrails. 1. in buildings with more than two non-accessible apartments, 2. in other cases, as far as traffic safety requires.	-	✓	X
Notwendige Flure, offene Gänge (Art. 34 BayBO) *(Necessary Corridor, Open Aisle)*	Corridors or escape routes from abode rooms or units with abode rooms lead to exits into necessary stairwells or into the open air are necessary corridors. They must be arranged and designed in such a way that they can be used for a sufficiently long time in case of fire	necessary corridors aren't needed in, 1. in residential buildings in building classes 1 and 2, 2. in other buildings in building classes 1 and 2 eccept for basement levels 3. within a utilization unit smaller than 200m² and inside dwellings 4. within a utilization unit which is used as office or administrative rooms smaller than 400m²	✓	X
minimum width of inner necessary corridors	sufficient wide for the largest expected traffic	-	✓	X
minimum steps of stairs within inner necessary corridors	3	-	✓	✓
maximum path lenght of inner necessary corridors	30m	-	✓	X
subdividing of inner necessary corridors (if longer than 30m)	Necessary corridors are to be subdivided into smoke sections with non-lockable, smoke-proof and self-closing closures.	-	✓	X
closure connection of the smoke section to the ceiling	closure connections must achieve to the row ceiling	closure connections can achieve to the suspended ceiling of the corridor, if these suspended ceiling is fire retarding	✓	X
maximum corridor lenght with only one direction to safety stairwells	15m	-	✓	X

Requirement to	Requirement in Building Class 1	Possible Exception	to be checked by an engineer	to be checked by an mvdXML file
walls of necesary corridors	to be built fire retarding and as a space enclosing component	-	✓	X
walls of necesary corridors in the basement	in basements where the load-bearing and reinforcing components must be fire-resisting, walls must also be fire-resisting	-	✓	X
closure connection of the walls of necessary corridors to the ceiling	walls must achieve to the row ceiling	walls can achieve to the suspended ceiling of the corridor, if this suspended ceiling is fire retarding and a closure connection is ensured	✓	X
doors in walls of necssary corridors	must close tightly (against smoke)	-	✓	X
doors in walls of necessary corridors to storage rooms in the basement level	fire retarding, tight and self-closing closures	-	✓	X
necessary corridors as open aisles in front of the exterial walls	parapets and walls must be built fire retarding as a space enclosing component	-	✓	X
necessary corridors as open aisles in front of the exterial walls in the basement	in basement floors where the load-bearing and reinforcing components need to be fire resisting, walls must also be fire resisting	-	✓	X
windows in walls which are next to open aisles used as necessary corridors	windows in these walls are permitted from a spandrel height of 0,90 m	-	✓	X
panels, plaster, suspended ceiling and insulation in necessary corridors	must be buit from non-combubstable materials	-	✓	X
walls and ceiling fom combustable materials in necessary corridors	need cladding from non-combustible materials in a sufficiently width	-	✓	X
Fenster, Türen, sonstige Öffnungen (Art. 35 BayBO) *(Windows, Doors, other Openings)*	-	-	-	-
Clear passage width of entrance doors of apartments, which must be accessible via elevators	90cm	-	✓	X
basement level without windows	a basement level without windows need to have at least one opening into the outside for smoke extraction	-	✓	X
minimum dimensions of windows which are used as rescue route	width: 0,60 m, height: 1,00 m, to open from inside, max. 1,20 m above floor level	-	✓	✓