

History:

- The work on EN 45545 was finished in January 2012 for the time being.
- DIN EN 45545 was published in June 2013 (available from August 2013).
- The DOW (date of withdrawal) has been Extended from 6 to 36 months so that national standards, e. g. DIN 5510, are to be withdrawn by March 2016.

DIN EN 45545-2:

This part stipulates the test procedures for test conditions and requirements for the reaction to fire of each Hazard Level.

Hazard Level:

Operation category	Building class			
	N: Standard vehicles	A: Vehicles for automatic train operation not having staff on board that is trained for emergencies.	D: Double-decker trains	S: Sleepers and couchettes (bilevel or unilevel)
1	HL1	HL1	HL1	HL2
2	HL2	HL2	HL2	HL2
3	HL2	HL2	HL2	HL3
4	HL3	HL3	HL3	HL3

Operation categories:

- Operation category 1: surface vehicles
- Operation category 2: tunnel max. 5 km
- Operation category 2: tunnel > 5 km
- Operation category 4: tunnel, evacuation from the side not possible

Gasketing:

The gasketing has been included in DIN EN 45545 and have to meet the requirements R22 for indoors or R23 for outdoors as a function of the Hazard Level. In order to be able to define the Hazard Level, you need to know the Operation Category and Building Class, e. g. 2 (tunnel max. 5 km) D (double-decker trains)!