

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-14063-04-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 31.01.2020

Date of issue: 31.01.2020

Holder of certificate:

**Technische Universität München, Holzforschung München
Prüf- und Zertifizierungsbereich Brand**

with its locations:

**Winzererstraße 45, D-80797 München
Karl-Benz-Straße 15, D-85221 Dachau**

Tests in the fields:

Reaction to fire tests and fire resistance test of construction products;

**Reaction to fire test and fire resistance test of construction products for which the specification to a reference of a relevant harmonised technical specification is not required
(point 3 Annex V, (EU) No. 305/2011)**

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

The test methods are marked with the following symbols to indicate where the tests were performed:

M = München D = Dachau

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

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1 Reaction to fire tests and fire resistance test of construction products

1.1 Reaction to fire tests

DIN EN 13820 2003-12	Heat insulation materials for the building industry – determining the organic constituents of the content	M
DIN EN 16733 2016-07	Reaction to fire tests for building products - Determination of a building product's propensity to undergo continuous smouldering	M

1.2 Fire resistance tests

DIN EN 1363-1 2012-10	Fire resistance tests - Part 1: General requirements	M
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1.3 Reaction to fire tests of building materials and elements

DIN 4102-1 1998-05	Reaction to fire of construction products and elements - Part 1: building materials - terms, requirements and tests	M
DIN 4102-2 1977-09	Reaction to fire of construction products and elements - Part 2: building elements - terms, requirements and tests	M
DIN 4102-5 1977-09	Reaction to fire of construction products and elements - Part 5: Fire protection shutters, shutters in lift shaft walls and towards fire-resistant glazing, terms, requirements and tests	M
DIN 4102-8 2003-10	Reaction to fire of construction products and elements - Part 8: Small test bench	M
DIN 4102-17 2017-12	Fire behaviour of building materials and building components - Part 17: Melting point of mineral wool insulating materials	M

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2 Reaction to fire test and fire resistance test of construction products for which the specification to a reference of a relevant harmonised technical specification is not required (point 3 Annex V, (EU) No. 305/2011)

2.1 Reaction to fire

EN 13823 2010+A1:2014	Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item	D
EN ISO 1182 2010	Reaction to fire tests for products - Non-combustibility test	M
EN ISO 1716 2018	Reaction to fire tests for products - Determination of the gross heat of combustion (calorific value)	M
EN ISO 11925-2 2010	Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test	M

in connection with:

EN 13501-1 2018	<i>Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests</i>
EN 13501-6 2018	<i>Fire classification of construction products and building elements - Part 6: Classification using data from reaction to fire tests on electric cables</i>

2.2 Resistance to fire

EN 1364-1 2015	Fire resistance tests for non-loadbearing elements - Part 1: Walls	M
EN 1634-1 2014	Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware - Part 1: Fire resistance test for door and shutter assemblies and openable windows	M

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EN 1634-2
2008

Fire resistance and smoke control tests for door, shutter and openable window assemblies and elements of building hardware - Part 2: Fire resistance characterisation test for elements of building hardware

M

in connection with:

EN 13501-2
2016

Fire classification of construction products and building elements - Part 2: Classification using data from fire resistance tests, excluding ventilation services

The requirements regarding testing laboratories are met according to Article 43 of the Construction Products Act.

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