iBMB MPA TU BRAUNSCHWEIG
Institute for Building Materials, Concrete Construction and Fire Protection | Braunschweig Civil Engineering Materials Testing Institute

Braunschweig Civil Engineering Materials Testing Institute (MPA Braunschweig)

Beethovenstr. 52, DE-38106
Braunschweig, Germany
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Email: info@mpa.tu-bs.de
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This certificate of compliance validates the following

TEST REPORT NUMBER:	3196/739/11-CR	CERTIFICATE NUMBER:	UAE-003/14
DATE OF ISSUE:	2013-01-22	DATE OF ISSUE:	2014-11-04
DATE OF EXPIRY:	Test report not limited	DATE OF EXPIRY:	2019-11-03

NAME OF FACTORY/ MANUFACTURER:	Brandchemie GmbH	NAME OF THE BRAND:	BC-Brandschutz	CERTIFICATION MARK:
		MODEL/NO:	-	-
FACTORY ADDRESS/REGION:	Auf der Trift 8 D-63329 Egelsbach Germany Tel: +49 (0) 6103-9446-0 Fax: +49 (0) 6103-9446-17 Email: bc@brandchemie.de	LOGO ON THE PRODUCT:	BC-Kombischott EI 120	

DESCRIPTION OF THE PRODUCT:	Cable and pipe penetration sealing into ceilings
TEST STANDARD:	EN 13501-2, EN 1366-3, EN 1363-1
TEST DESCRIPTION:	The cable and pipe penetration sealing (thickness: 120 mm) was tested using a pore-concrete block (thickness: 150 mm) as a ceiling with one-sided temperature exposure. The installation was heated up from room temperature to about 1050°C within 133 min in a furnace.
SPECIFICATION OF TEST SPECIMEN:	The cables with the penetration sealing were vertically mounted in the furnace. Dimensions: length: 4.000 mm, width: 2.600 mm.

MAINTENANCE OF FUNCTION	INTERPRETATION	RESULT
20°C UP TO 1050°C WITHIN 133 MIN	SUCCESSFUL	PASS

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PRODUCT APPLICATION GUIDELINE (END USE):	Cable penetration sealing and combined sealing respectively in combination with abutting and profile-clinging BC Fire Protection Bandage E and interrupted BC Fire Protection Paint fire protection coating (halogen-free) respectively to lead through cables, lines, cable trays, uncoated combustible and insulated non-combustible pipes, conduits as well as coaxial and wave-guide conductors applied for an installation into ceiling at least 150 mm thick.

SIGNED BY:

Materialprüfanstalt f. d. Bauwesen MPA BS Braunschweig

Dr.-Ing. W. Hinrichs
Head of certification

The above certificate is valid only when installed in accordance with the 'Product Application Guideline (End Use)'. To verify the validity of the product please log into our website, click on 'others' and then on 'certificates'. You will find a list of manufacturers and a certificate with the number as given above.

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ACCREDITED BY: DAkkS
AS PER: ISO/IEC 17065, ISO/IEC 17025
VALIDITY: 1st NOVEMBER 2017, 18th MARCH 2017
REFERENCE NUMBER: D-ZE-11267-01-00, D-PL-11267-03-00

THE LIST OF ACCREDITED TESTS (FIRE AND LIFE SAFETY PRODUCTS ONLY)

TEST STANDARD	TITLE
EN 1363-1	Fire resistance tests – Part 1: General requirements
EN 1363-2	Fire resistance tests – Part 2: Alternative and additional methods
EN 1366-1	Fire resistance tests for installation – Part 1: Ducts
EN 1366-3	Fire resistance tests for installation – Part 3: Penetration seals
EN 1366-5	Fire resistance tests for installation – Part 2: Installation ducts and shafts
EN 13501-2	Classification of building products and construction types as per their fire behaviour – Part 2: Classification using results from fire-resistance tests, excluding ventilation systems
ISO 834-1	Fire resistance tests – Elements of building construction – Part 1: General requirements

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