

**This certificate of compliance validates the following**

TEST REPORT NUMBER: 3338/762/07-Ap      CERTIFICATE NUMBER: UAE-011/14  
DATE OF ISSUE: 2007-11-15      DATE OF ISSUE: 2014-12-10  
DATE OF EXPIRY: Test report not limited      DATE OF EXPIRY: 2019-12-09

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

DESCRIPTION OF THE PRODUCT: BC-Brandschutz-Ferrocoat is a spray applied reactive coating for the fire protection of various sizes of structural steel elements.  
TEST STANDARD: DIN 4102-2  
TEST DESCRIPTION: After application of a primer the product was sprayed in four process steps on two steel beams, five steel beam sections and four supporting steel beams which all got a top-coating. The samples were mounted in a furnace, partly under load. The installation was heated up from room temperature to about 1050°C within 97 min.

SPECIFICATION OF TEST SPECIMEN: The test specimens under load had a profile coefficient of 162 m<sup>2</sup> and an average thickness of the dry coating of 3.4 mm. The test specimens without load had profile coefficients between 108 and 73 m<sup>2</sup> and an average thickness of the dry coating between 2.5 mm and 2.6 mm.

TEST RESULT:	MAINTENANCE OF FUNCTION	INTERPRETATION	RESULT
	UNDER LOAD: 20°C UP TO 1050°C WITHIN 93 MIN	SUCCESSFUL	PASS
	WITHOUT LOAD: 20°C UP TO 1050°C > 97 MIN	SUCCESSFUL	PASS

NAME OF TEST FACILITY: MPA Braunschweig  
TEST FACILITY: Beethovenstr. 52, 38106 Braunschweig, Germany  
ADDRESS/REGION: Tel: ++49(0)531-391-5400, Fax: ++49(0)531-391-5900  
Email: [info@mpa.tu-bs.de](mailto:info@mpa.tu-bs.de), Website : [www.mpa.tu-bs.de](http://www.mpa.tu-bs.de)

PRODUCT APPLICATION GUIDELINE (END USE): Reactive, fire protection dispersion forming an insulating layer in case of fire. To be applied on steel beams, columns and hollow profiles for the internal use.

SIGNED BY:



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.

**ACCREDITED BY:** DAKKS  
**AS PER:** ISO/IEC 17065, ISO/IEC 17025  
**VALIDITY:** 1<sup>st</sup> NOVEMBER 2017, 18<sup>th</sup> 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
DIN 4102-2	Fire behaviour for building materials and building components – Part 2: Building components – Definitions, requirements and test methods
EN 10025-1	Hot rolled products of structural steels – Part 1: General technical delivery conditions

