

Braunschweig Civil Engineering Materials Testing Institute (MPA Braunschweig)

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This certificate of compliance validates the following

TEST REPORT NUMBER:	3397/994/11 (floor) 3553/829/13 (wall) 3722/964/14(BS-floor) 3750/992/14(BS-wall) K-2400/753/18 MPA-BS	CERTIFICATE NUMBER:	MPA-BS-Z-097/21
DATE OF ISSUE:	2017-01-10 2015-12-18 2014-04-30 2014-04-30 2018-08-10	DATE OF ISSUE:	2021-02-01
DATE OF EXPIRY:	N/A	DATE OF EXPIRY:	2026-01-31

NAME OF FACTORY/ MANUFACTURER:	Wolman Wood and Fire Protection GmbH	NAME OF THE BRAND:	KBS®	CERTIFICATION MARK:	
FACTORY ADDRESS/REGION:	Robert-Hansen-Straße 1 89257 Illertissen Germany	MODEL/NO: LOGO ON THE PRODUCT:	KBS® Panel Seal ABL 		

DESCRIPTION OF THE PRODUCT:	The product is a cable and mixed penetration seal for fire protection purposes applied in wall and floor constructions with different dimensions.		
TEST STANDARD:	EN 1366-3, EN 1363-1; EN 13501-2		
TEST DESCRIPTION:	The cable penetration as part of a mixed penetration seal was installed in the floor or wall construction. The furnace was heated according to the prescriptions in the test standards. The test was terminated after 132 minutes.		
SPECIFICATION OF TEST SPECIMEN:	The products were prepared in wall and floor constructions with their different dimensions in the laboratory according to their designed applications. The test results were assessed for conformity according to the given classification standard.		
TEST RESULT:	MAINTENANCE OF FUNCTION	INTERPRETATION	RESULT
	FOR MOST APPLICATIONS: E120 / EI120 OR E120 / EI90	SUCCESSFUL	PASS

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**PRODUCT APPLICATION
GUIDELINE (END USE):** The product is delivered including all fittings for assembly. The assembled construction is installed with the appropriate connections according to the detailed prescriptions in the manual of the manufacturer. Prior to assembly and installation, the personnel must be instructed.



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 'certification' and then on 'list of certificates'. You will find a list of manufacturers and a certificate with the number as given above.

ACCREDITED BY:	DAkKS	DAkKS
AS PER:	ISO/IEC 17065	ISO/IEC 17025
VALIDITY:	N/A	N/A
REFERENCE NUMBER:	D-ZE-11267-01-00	D-PL-11267-01-02

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

TEST STANDARD	TITLE
EN 1366-3	Fire resistance tests for service installations Part 3: Penetration seals
EN 1363-1	Fire resistance tests Part 1: General Requirements
EN 13501-2	Fire classification of construction products and building elements Part 2: Classification using data from fire resistance tests, excluding ventilation services