

This certificate of compliance validates the following

TEST REPORT NUMBER:	FIRES-FR-034-14-AUNE	CERTIFICATE NUMBER:	MPA BS-Z-012/16
DATE OF ISSUE:	2014-05-05	DATE OF ISSUE:	2016-01-28
DATE OF EXPIRY:	N/A	DATE OF EXPIRY:	2021-01-27

NAME OF FACTORY/ MANUFACTURER:	voestalpine Kreams GmbH	NAME OF THE BRAND:	vrame	CERTIFICATION MARK:	
FACTORY ADDRESS/REGION:	Schmidhüttenstr. 5 A-3500 Kreams Austria	MODEL/NO: LOGO ON THE PRODUCT:	vrame fire -		

DESCRIPTION OF THE PRODUCT: Screen assembly to be used as a non-load-bearing fire-resistant partition wall.

TEST STANDARD: EN 1364-1, EN 1363-1, EN 1363-2

TEST DESCRIPTION: Three test specimens were mounted in a wall of aerated concrete blocks for one-sided flaming. The screen assembly was heated up in a furnace from room temperature to about 1,050°C within 103 min.

SPECIFICATION OF TEST SPECIMEN: The frames of the test specimens were made of steel with overall dimensions of w x h =1,016 mm x 1,400 mm or w x h =1,784 mm x 2,700 mm and six glass panes of a maximum of w x h =1,000 mm x 2,000 mm. The screen assembly was made of four types of glass panes with thicknesses between 37 mm and 66 mm.

TEST RESULT:	MAINTENANCE OF FUNCTION	INTERPRETATION	RESULT
	FIRE INTEGRITY FOR AT LEAST 103 MIN	SUCCESSFUL	PASS
	THERMAL INSULATION FOR AT LEAST 103 MIN	SUCCESSFUL	PASS
	CLASSIFICATION	EI 90	

NAME OF TEST FACILITY: FIRES, s.r.o.
TEST FACILITY Osloboditel'ov 282, 059 35 Batizovce, Slovak Republic
ADDRESS/REGION: Tel: ++421 (0) 52 775 22 98, Fax: ++421 (0) 52 788 14 12
Email: subert@fires.sk, Website: www.fires.sk

PRODUCT APPLICATION GUIDELINE (END USE): The product is delivered as a frame construction, i.e. a frame, glass panes and panels including all fittings for assembly. The assembled construction is installed with the appropriate wall connections according to the detailed prescriptions in the manual of the manufacturer. (Design No. 12.2015)
The specimen has to be fixed with universal screws, e.g. HILTI HUS Ø 6 mm. The distance between the anchors shall not exceed 1,000 mm and the distance from the corner shall be 200 mm.

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
VALIDITY: 1st NOVEMBER 2017
REFERENCE NUMBER: D-ZE-11267-01-00

SNAS
ISO/IEC 17025
12th DECEMBER 2015
SNAS No. S-159

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 1364-1	Fire resistance tests for non-loadbearing elements – Part 1: Walls
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

