

This certificate of compliance validates the following

TEST REPORT NUMBER:	07-V-062	CERTIFICATE NUMBER:	MPA BS-Z-021/16
DATE OF ISSUE:	2007-06-25	DATE OF ISSUE:	2016-01-28
DATE OF EXPIRY:	N/A	DATE OF EXPIRY:	2021-01-27

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

**DESCRIPTION OF THE
PRODUCT:** Double leaf door with both side panels and top panels

TEST STANDARD: EN 1363-1, EN 1363-2, EN 1634-1

TEST DESCRIPTION: The test specimen was mounted in a reinforced aerated concrete wall for one-sided flaming. The installation was heated up in a furnace from room temperature to about 900°C within 49 min.

**SPECIFICATION OF
TEST SPECIMEN:** The test specimen was made of a steel tube frame and consisted of nine panes made of four types of glass and one panel with thicknesses from 5 mm to 24 mm. The panes were mounted in a frame with a passage clearance of w x h = 2,100 mm x 2,955 mm. The overall sizes of the test specimen was w x h = 3,000 mm x 3,400 mm.

TEST RESULT:	MAINTENANCE OF FUNCTION	INTERPRETATION	RESULT
	FIRE INTEGRITY FOR AT LEAST 39 MIN	SUCCESSFUL	PASS
	CLASSIFICATION	E 30	

NAME OF TEST FACILITY: Efectis France

**TEST FACILITY
ADDRESS/REGION:** Voie Romaine, F-57280 Maizières-lès-Metz, France
Tel: ++33(0) 3 87 51 11 11, Fax: ++33(0) 3 87 51 10 58
Email: france@efectis.com, Website: www.efectis.com

**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. 11.2015) The specimen has to be fixed with anchor Hilti HRD UGT Ø 10 x 140 resp. Ø 10 x 180. The distance between the anchors shall not exceed 880 mm and the distance from the corner shall be between 110 mm resp. 150 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

COFRAC
ISO/IEC 17025
30th APRIL 2018
COFRAC No. 1-1762

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 1634-1	Fire resistance tests for doors, gates, barriers, windows and building hardware – Part 1: Fire resistance tests for doors, gates, barriers and windows
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
EN 14600	Gates, doors and opening windows with fire-resistant and/or smoke control characteristics – Requirement an classification

