


# CERTIFICATE

<b>Certificate holder</b>	<b>Vaillant GmbH</b> <b>Berghauser Str. 40</b> <b>42859 Remscheid</b>
<b>Production facility</b>	Gelsenkirchen Nantes
<b>Product</b>	Solar collectors
<b>Type, Model</b>	VFK 145/2 V, VFK 145/2 H
<b>Testing basis</b>	DIN EN 12975-1:2011-01 DIN EN 12975-2:2006-06 Specific CEN KEYMARK Scheme Rules for Solar Thermal Products version 19.00 (2012-10)
<b>Mark of conformity</b>	
<b>Registration No.</b>	011-75406 F
<b>Valid until</b>	2018-05-31
<b>Right of use</b>	This certificate entitles the holder to use the mark of conformity shown above in conjunction with the specified registration number.  See annex for further information.

# ANNEX

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**Certificate** 011-7S406 F dated 2013-06-20

**Technical Data** See data sheet, part of the test report of 2013-05-29

Note(s):

- The freeze resistance test according to DIN EN 12975-2, clause 5.8 was not necessary. According to the manufacturer's declaration, the certified solar collectors may be used in frost exposed areas only in combination with appropriate frost protection mixtures.
- The optional impact resistance test according to DIN EN 12975-2, clause 5.10 was not carried out.

**Testing laboratory/  
Inspection body** TÜV Rheinland  
Energie und Umwelt GmbH  
Test Centre for Energy Appliances  
Am Grauen Stein  
51105 Köln

**Test report(s)** No. 21221150\_EN\_P\_145-2V, No. 21221150\_EN\_R\_145-2V,  
No. 21221150\_EN\_P\_145-2H, No. 21221150\_EN\_R\_145-2H dated 2013-05-29

