

# Accreditation



The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that the certification body

**Forschungsinstitut für Wärmeschutz e.V. München**  
**Lochhamer Schlag 4, 82166 Gräfelfing**

meets the requirements according to DIN EN ISO/IEC 17065:2013 for the conformity assessment activities listed in the annex to this certificate. This includes additional existing legal and normative requirements for the certification body, including those in relevant sectoral schemes, provided they are explicitly confirmed in the annex to this certificate.

The management system requirements of DIN EN ISO/IEC 17065 are written in the language relevant to the operations of certification bodies and confirm generally with the principles of DIN EN ISO 9001.

This accreditation was issued in accordance with Art. 5 Para. 1 Sentence 2 of Regulation (EC) 765/2008, after an accreditation procedure was carried out in compliance with the minimum requirements of DIN EN ISO/IEC 17011 and on the basis of a review and decision of the appointed accreditation committees.

This accreditation certificate only applies in connection with the notices of 18.12.2023 with accreditation number D-ZE-14116-01.

It consists of this cover sheet, the reverse side of the cover sheet and the following annex with a total of 9 pages.

Registration number of the accreditation certificate: **D-ZE-14116-01-00**

Berlin, 18.12.2023

Dipl.-Ing. Evelyn Körner  
Head of Technical Unit

Translation issued:  
18.12.2023

  
Dipl.-Ing. Evelyn Körner  
Head of Technical Unit

*The certificate together with the annex reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH ([www.dakks.de](http://www.dakks.de)).*

This document is a translation. The definitive version is the original German accreditation certificate.

See notes overleaf

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The Deutsche Akkreditierungsstelle GmbH (DAkkS) is the entrusted national accreditation body of the Federal Republic of Germany according to § 8 section 1 AkkStelleG in conjunction with § 1 section 1 AkkStelleGBV. DAkkS is designated as the national accreditation authority by Germany according to Art. 4 Para. 4 of Regulation (EC) 765/2008 and clause 4.7 of DIN EN ISO/IEC 17000.

Pursuant to Art. 11 section 2 of Regulation (EC) 765/2008, the accreditation certificate shall be recognised as equivalent by the national authorities within the scope of this Regulation as well as by the WTO member states that have committed themselves in bilateral or multilateral mutual agreements to recognise the certificates of accreditation bodies that are members of ILAC or IAF as equivalent.

DAkkS is a signatory to the multilateral agreements for mutual recognition of the European co-operation for Accreditation (EA), International Accreditation Forum (IAF) and International Laboratory Accreditation Co-operation (ILAC).

The up-to-date state of membership can be retrieved from the following websites:

EA: [www.european-accreditation.org](http://www.european-accreditation.org)

ILAC: [www.ilac.org](http://www.ilac.org)

IAF: [www.iaf.nu](http://www.iaf.nu)

# Deutsche Akkreditierungsstelle

## Annex to the Accreditation Certificate D-ZE-14116-01-00 according to DIN EN ISO/IEC 17065:2013

**Valid from:** 18.12.2023

**Date of issue:** 18.12.2023

Holder of accreditation certificate:

**Forschungsinstitut für Wärmeschutz e.V. München  
Lochhamer Schlag 4, 82166 Gräfelfing**

with the location

**Forschungsinstitut für Wärmeschutz e.V. München  
Lochhamer Schlag 4, 82166 Gräfelfing**

The certification body meets the requirements of DIN EN ISO/IEC 17065:2013 to carry out the conformity assessment activities listed in this annex. The certification body meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17065 are written in the language relevant to the operations of certification bodies and they conform to the general with the principles of DIN EN ISO 9001.

### **Voluntary certification of thermal insulation products (Certification schemes of FIW München)**

**Certification of thermal insulation products (systems 1) and factory production control (system 2+) within the scope of the Regulation (EU) No 305/2011 laying down harmonised conditions for the marketing of construction products (Construction Products Regulation)**

*This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at <https://www.dakks.de>.*

Abbreviations used: see last page

**Page 1 of 9**

**This document is a translation. The definitive version is the original German annex to the accreditation certificate.**

**Annex to the Accreditation Certificate D-ZE-14116-01-00**

**1 Voluntary certification of thermal insulation products  
(Certification schemes of FIW München)**

FIW München 30.11.2015	Certification scheme for ETICS insulation materials made of expanded polystyrene (EPS)
FIW München 12.11.2015	Extended certification scheme for ETICS insulation materials made of expanded polystyrene (EPS)
FIW München 22.01.2020	Certification scheme KEYMARK Thermal insulation products for buildings
FIW München 18.03.2021	Certification scheme VDI/KEYMARK Technical insulation
FIW München 01.02.2018	Certification scheme for insulation materials for buildings made of rigid polyurethane foam (PU)
FIW München 25.10.2021	Certification scheme for ETICS insulation materials made of mineral wool
FIW München 28.08.2018	Certification scheme for insulation boards made of cellular glass (CG) as load bearing layer and thermal insulation outside the water proofing
FIW München 28.11.2019	Certification scheme for insulation boards made of extruded polystyrene foam (XPS) as thermal insulation outside the water proofing
FIW München 09.11.2020	Certification scheme for insulation boards made of expanded polystyrene (EPS) as thermal insulation outside the waterproofing
FIW München 01.06.2021	Certification programme for thermal insulation boards made of extruded polystyrene (XPS) as core material for sandwich panels (XPS-CORE)
FIW München 26.08.2020	Certification scheme for ETICS insulation materials made of rigid polyurethane foam (PU)
FIW München 09.01.2020	Certification programme for thermal insulation boards for ETICS made phenolic foam (PF)

Valid from: 18.12.2023

Date of issue: 18.12.2023

Annex to the Accreditation Certificate D-ZE-14116-01-00

2 Certification of thermal insulation products (systems 1) and factory production control (system 2+) within the scope of the Regulation (EU) No 305/2011 laying down harmonised conditions for the marketing of construction products (Construction Products Regulation)

Decision / resolution of the Commission	System <sup>1)</sup>	Technical specification
<p><b>1999/91/EC</b> <b>2001/596/EC</b> Thermal insulating products</p>	1	<p><b>EN 13162:2012+A1:2015</b> Thermal insulation products for buildings – Factory made mineral wool (MW) products - Specification</p>
		<p><b>EN 13163:2012+A1:2015</b> Thermal insulation products for buildings – Factory made expanded polystyrene (EPS) products - Specification</p>
		<p><b>EN 13164:2012+A1:2015</b> Thermal insulation products for buildings – Factory made extruded polystyrene foam (XPS) products - Specification</p>
		<p><b>EN 13165:2012+A2:2016</b> Thermal insulation products for buildings – Factory made rigid polyurethane foam (PU) products - Specification</p>
		<p><b>EN 13166:2012+ A2:2016</b> Thermal insulation products for buildings – Factory made phenolic foam (PF) products - Specification</p>
		<p><b>EN 13167:2012+A1:2015</b> Thermal insulation products for buildings – Factory made cellular glass (CG) products - Specification</p>
		<p><b>EN 13168:2012+A1:2015</b> Thermal insulation products for buildings – Factory made wood wool (WW) products - Specification</p>
		<p><b>EN 13169:2012+A1:2015</b> Thermal insulation products for buildings – Factory made expanded perlite board (EPB) products - Specification</p>
		<p><b>EN 13170:2012+A1:2015</b> Thermal insulation products for buildings – Factory made products of expanded cork (ICB) - Specification</p>
		<p><b>EN 13171:2012+A1:2015</b> Thermal insulation products for buildings – Factory made wood fibre (WF) products - Specification</p>

**Annex to the Accreditation Certificate D-ZE-14116-01-00**

Decision / resolution of the Commission	System <sup>1)</sup>	Technical specification
<p><b>1999/91/EC</b> <b>2001/596/EC</b> Thermal insulating products</p>	<p>1</p>	<p><b>EN 14063-1:2004+AC:2006</b> Thermal insulation products for buildings - In-situ formed expanded clay lightweight aggregate products – Part 1: Specification for the loose-fill products before installation</p>
		<p><b>EN 14064-1:2010</b> Thermal insulation products for buildings - In-situ formed loose-fill mineral wool (MW) products - Part 1: Specification for the loose-fill products before installation</p>
		<p><b>EN 14303:2009+A1:2013</b> Thermal insulation products for building equipment and industrial installations - Factory made mineral wool (MW) products - Specification</p>
		<p><b>EN 14304:2009+A1:2013</b> Thermal insulation products for building equipment and industrial installations - Factory made flexible elastomeric foam (FEF) products - Specification</p>
		<p><b>EN 14305:2009+A1:2013</b> Thermal insulation products for building equipment and industrial installations - Factory made cellular glass (CG) products - Specification</p>
		<p><b>EN 14306:2009+A1:2013</b> Thermal insulation products for building equipment and industrial installations - Factory made calcium silicate (CS) products - Specification</p>
		<p><b>EN 14307:2009+A1:2013</b> Thermal insulation products for building equipment and industrial installations - Factory made extruded polystyrene foam (XPS) products - Specification</p>
		<p><b>EN 14308:2009+A1:2013</b> Thermal insulation products for building equipment and industrial installations - Factory made rigid polyurethane foam (PUR) and polyisocyanurate foam (PIR) products - Specification</p>

Valid from: 18.12.2023

Date of issue: 18.12.2023

Decision / resolution of the Commission	System <sup>1)</sup>	Technical specification
<p><b>1999/91/EC</b> <b>2001/596/EC</b> Thermal insulating products</p>	1	<p><b>EN 14309:2009+A1:2013</b> Thermal insulation products for building equipment and industrial installations - Factory made products of expanded polystyrene (EPS) - Specification</p>
		<p><b>EN 14313:2009+A1:2013</b> Thermal insulation products for building equipment and industrial installations - Factory made polyethylene foam (PEF) products - Specification</p>
		<p><b>EN 14314:2009+A1:2013</b> Thermal insulation products for building equipment and industrial installations - Factory made phenolic foam (PF) products - Specification</p>
		<p><b>EN 14315-1:2013</b> Thermal insulating products for buildings - In-situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products - Part 1: Specification for the rigid foam spray system before installation</p>
		<p><b>EN 14316-1:2004</b> Thermal insulation products for buildings - In-situ thermal insulation formed from expanded perlite (EP) products - Part 1: Specification for bonded and loose-fill products before installation</p>
		<p><b>EN 14317-1:2004</b> Thermal insulation products for buildings - In-situ thermal insulation formed from exfoliated vermiculite (EV) products - Part 1: Specification for bonded and loose-fill products before installation</p>
		<p><b>EN 14318-1:2013</b> Thermal insulating products for buildings - In-situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products - Part 1: Specification for the rigid foam dispensed system before installation</p>

Annex to the Accreditation Certificate D-ZE-14116-01-00

Decision / resolution of the Commission	System <sup>1)</sup>	Technical specification
<p>1999/91/EC 2001/596/EC Thermal insulating products</p>	<p>1</p>	<p><b>EN 14319-1:2013</b> Thermal insulating products for building equipment and industrial installations - In-situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products - Part 1: Specification for the rigid foam dispensed system before installation</p>
		<p><b>EN 14320-1:2013</b> Thermal insulating products for building equipment and industrial installations - In-situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products - Part 1: Specification for the rigid foam spray system before installation</p>
		<p><b>EN 15501:2013</b> Thermal insulation products for building equipment and industrial installations - Factory made expanded perlite (EP) and exfoliated vermiculite (EV) products - Specification</p>
		<p><b>EN 15599-1:2010</b> Thermal insulation products for building equipment and industrial installations - In-situ thermal insulation formed from expanded perlite (EP) products - Part 1: Specification for bonded and loose-fill products before installation</p>
		<p><b>EN 15600-1:2010</b> Thermal insulation products for building equipment and industrial installations - In-situ thermal insulation formed from exfoliated vermiculite (EV) products - Part 1: Specification for bonded and loose-fill products before installation</p>
		<p><b>EN 15732:2012</b> Light weight fill and thermal insulation products for civil engineering applications (CEA) - Expanded clay lightweight aggregate products (LWA)</p>
		<p><b>EN 16025-1:2013</b> <sup>2)</sup> Thermal and/or sound insulating products in building construction - Bound EPS ballastings - Part 1: Requirements for factory premixed EPS dry plaster</p>

Valid from: 18.12.2023

Date of issue: 18.12.2023



Annex to the Accreditation Certificate D-ZE-14116-01-00

Decision / resolution of the Commission	System <sup>1)</sup>	Technical specification
<p><b>1999/91/EC</b> <b>2001/596/EC</b> Thermal insulating products</p>	1	<p><b>EN 16069:2012+A1:2015</b> Thermal insulation products for buildings – Factory made products of polyethylene foam (PEF) - Specification</p>
		<p><b>EAD 040005-00-1201</b> Factory-made thermal and/or acoustic insulation products made of vegetable or animal fibres</p>
		<p><b>EAD 040010-00-1201</b> Insulation product made of expanded perlite (EPB)</p>
		<p><b>EAD 040011-00-1201</b> Vacuum insulation panels (VIP) with factory applied protection layers</p>
		<p><b>EAD 040012-00-1201</b> Thermal insulation board made of mineral material</p>
		<p><b>EAD 040037-00-1201</b> Low lambda composite boards made of mineral wool fibres and aerogel additives</p>
		<p><b>EAD 040057-00-1201</b> Thermal insulation board made of microporous silica</p>
		<p><b>EAD 040065-00-1201</b> Thermal insulation and/or sound absorbing boards based on expanded polystyrene and cement</p>
		<p><b>EAD 040090-00-1201</b> Factory-made boards and products formed by moulding of an expanded polylactic acid (E-PLA) for thermal and/ or acoustical insulation</p>
		<p><b>EAD 040138-01-1201</b> In-situ formed loose fill thermal and/or acoustic insulation products made of vegetable fibres</p>
		<p><b>EAD 040288-00-1201</b> Factory-made thermal and acoustic insulations made of polyester fibres</p>
		<p><b>EAD 040419-00-1201</b> Thermal insulation board made of pressed rigid polyurethane foam</p>
		<p><b>EAD 040456-00-1201</b> In-situ formed loose-fill thermal and/or acoustic insulation material made of animal fibres</p>

Valid from: 18.12.2023

Date of issue: 18.12.2023

**Annex to the Accreditation Certificate D-ZE-14116-01-00**

Decision / resolution of the Commission	System <sup>1)</sup>	Technical specification
<p><b>1999/91/EC</b> <b>2001/596/EC</b> Thermal insulating products</p>	1	<p><b>EAD 040461-00-1201</b> Thermal insulation product made of loose fill expanded perlite (EP)</p>
		<p><b>EAD 040635-00-1201</b> Thermal and/or sound insulation based on bound expanded polystyrene bulk material</p>
		<p><b>EAD 040643-00-1201</b> Fiber reinforced silica aerogel thermal insulation</p>
		<p><b>EAD 040650-00-1201</b> Extruded polystyrene foam boards as load bearing layer and/or thermal insulation outside the waterproofing</p>
		<p><b>EAD 040729-00-1201</b> Thermal insulation made of loose fill mineral wool</p>
		<p><b>EAD 040773-00-1201</b> Expanded polystyrene foam boards as load bearing layer and thermal insulation outside the waterproofing</p>
		<p><b>EAD 041561-00-1201</b> In-situ formed thermal insulation made of mineral based foam</p>
<p><b>1995/467/EC</b> Structural bearings</p>	1	<p><b>EAD 040394-00-1201</b> Factory made cellular glass loose fill</p>
		<p><b>EAD 040650-00-1201</b> Extruded polystyrene foam boards as load bearing layer and/or thermal insulation outside the waterproofing</p>
		<p><b>EAD 040773-00-1201</b> Expanded polystyrene foam boards as load bearing layer and thermal insulation outside the waterproofing</p>
		<p><b>EAD 040777-00-1201</b> Cellular glass boards as load bearing layer and thermal insulation outside the waterproofing</p>

**Annex to the Accreditation Certificate D-ZE-14116-01-00**

Decision / resolution of the Commission	System <sup>1)</sup>	Technical specification
<b>1997/556/EC</b> External thermal insulation composite systems/kits with rendering (ETICS)	1/2+	<b>ETAG 004:Version 03/2013</b> External Thermal Insulation Composite Systems with Rendering
		<b>EAD 040083-00-0404</b> External Thermal Insulation Composite Systems (ETICS) with renderings

<sup>1)</sup> System of assessment and verification of consistency of performance

<sup>2)</sup> Harmonization in preparation

*The requirements for a certification body for products and for a certification body for factory production control according to Annex V of the Construction Products Regulation are fulfilled according to article 43 of the Construction Products Regulation. Required tasks which the holder of the certificate cannot perform are described in the list of subcontractors.*

*Without prior approval by the DAkkS German Accreditation Body, the certification body is permitted to use new revisions of harmonised technical standards in certification schemes.*

**Abbreviations used:**

EAD	European Assessment Document
ETAG	European Technical Approval Guideline
FIW München	Forschungsinstitut für Wärmeschutz e.V