

# Deutsche Akkreditierungsstelle GmbH

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

**Valid from: 24.04.2020**

Date of issue: 24.04.2020

Holder of certificate:

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

Certifications of products, processes and services in the fields:

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

Abbreviations used: see last page

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.  
<https://www.dakks.de/en/content/accredited-bodies-dakks>*

**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 01.02.2018	Certification scheme KEYMARK Thermal insulation products for buildings
FIW München 14.11.2019	Voluntary certification scheme VDI/KEYMARK Technical insulation
FIW München 01.02.2018	certification scheme for insulation materials for buildings made of rigid polyurethane foam (PUR)
FIW München 01.02.2018	Voluntary certification scheme for ETICS insulation materials made of mineral wool
FIW München 28.08.2018	Voluntary certification scheme for insulation sheets made of cellular glass (CG) as load bearing layer and thermal insulation beneath the sealing
FIW München 28.11.2019	Certification scheme for insulation sheets made of extruded polystyrene foam (XPS) as thermal insulation beneath the sealing
FIW München 09.01.2020	Cerification programme for thermal insulation boards for ETICS made phenolic foam (PF)

**-Translation-**

**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>
<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>		

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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 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>
		<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>

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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 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>
		<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>

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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 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<sup>2)</sup></b> Thermal and/or sound insulating products in building construction - Bound EPS ballastings - Part 1: Requirements for factory premixed EPS dry plaster</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 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 040138-00-1201</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 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>		

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Decision / resolution of the Commission	System <sup>1)</sup>	Technical specification
<b>1995/467/EC</b> Structural bearings	1	<b>EAD 040650-00-1201</b> Extruded polystyrene foam boards as load bearing layer and/or thermal insulation outside the waterproofing
		<b>EAD 040777-00-1201</b> Cellular glass boards as load bearing layer and thermal insulation outside the waterproofing
<b>1997/556/EC</b> External thermal insulation composite systems/kits with rendering (ETICS)	1/2+	<b>ETAG 004:2013</b> External Thermal Insulation Composite Systems with Rendering

<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.*

**-Translation-**

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**Abbreviations used:**

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

**-Translation-**