

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-ZE-11142-01-00 according to DIN EN ISO/IEC 17065:2013

Valid from: **01.04.2021**

Date of issue: 01.04.2021

Holder of certificate:

Materialprüfungsamt Nordrhein-Westfalen

with its sites:

**Marsbruchstraße 186, 44287 Dortmund
Auf den Thränen 2, 59597 Erwitte**

Certifications of products, processes and services in the fields:

Door locks and door fittings; burglar-proof windows, doors, shutters, coverings and grilles; smoke and fire protection closures; concrete and reinforced-concrete pipes, concrete and reinforced-concrete shafts; metal construction products; Quality requirements for fusion welding of metallic materials (ISO 3834); Cast iron pipes and fittings, joints and accessories (water and gas supply, waste water disposal, evacuation of water from buildings) as well as pile pipes made of ductile iron; Reinforcing steel and prefabricated reinforcement products made of reinforcing steel; manhole covers; metal chimneys and metallic chimney construction elements; vitrified clay pipes and fittings; pipes and fittings made of plastics including pipe joints for drains and sewers; pipes and fittings made of plastic including multilayer composite pipes for piping systems for heating, hot and cold water installations; seals for drains and sewers, seals in water and gas supply; roofing and sealing membranes, roof waterproofing systems, joint tapes, underlays, damp proof courses, foils, in-situ Foam; exhaust systems made of plastic, seals for exhaust systems; thermal insulation materials;

The management system requirements in DIN EN ISO/IEC 17065 are written in language relevant to operations of bodies certifying products, processes and services and operate generally in accordance with the principles of DIN EN ISO 9001.

*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>*

Certification of construction products (systems of assessment and verification of constancy of performance 1/1+) 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)

1. Certification scheme operated by the technical certification body for door locks and door fittings

DIN EN 13637 2015-12	Building hardware - Electrically controlled exit systems for use on escape routes - Requirements and test methods- Annex ZA
prDIN EN 15685 2019-10	Building hardware - Requirements and test methods - Multipoint locks, latches and locking plates - Characteristics and test methods- Annex ZA
MPA NRW ZP 22-01 Version 04 2019-08	MPAZert for door furniture and security lock furniture based on EN 1906 and DIN 18257
for the following products based on:	
- Lever handles and knob furniture	DIN EN 1906:2012-1
- Building hardware - Security plates	DIN 18257:2015-06

2. Certification scheme operated by the technical certification body for burglar-proof windows, doors, shutters, coverings and grilles; smoke and fire protection closures

DIN EN 1627 2011-09	Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification - Annex E
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3. Certification scheme operated by the technical certification body for concrete and reinforced-concrete pipes, concrete and reinforced-concrete shafts

MPA NRW ZP 22-02 Version 01 2017-10	Certification scheme concrete and reinforced concrete pipes according to DIN V 1201
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4. Certification scheme operated by the technical certification body for metal construction products

DIN EN 10080 2005-08	Steel for the reinforcement of concrete - Weldable reinforcing steel - General- Clause 8
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MPA NRW ZP 21-03 Version 02 2016-11	Certification scheme cold-formed plain carbon steel sheet pile based on EN 10249-1 and EN 10249-2
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5. Certification scheme operated by the technical certification body for quality requirements for fusion welding of metallic materials (ISO 3834)

MPA NRW ZP 21-04 Version 01 2018-01	Certification scheme ISO 3834; certification and surveillance of companies (customers) that meet quality requirements for fusion welding of metallic materials according to DIN EN ISO 3834 ff.
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based on:

DIN EN ISO 3834-1 2006-03	Quality requirements for fusion welding of metallic materials – Part 1: Criteria for the selection of the appropriate level of quality requirements
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DIN EN ISO 3834-2 2006-03	Quality requirements for fusion welding of metallic materials – Part 2: Comprehensive quality requirements
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DIN EN ISO 3834-3 2006-03	Quality requirements for fusion welding for metallic materials – Part 3: Standard quality requirements
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DIN EN ISO 3834-4 2006-03	Quality requirements for fusion welding of metallic materials – Part 4: Elementary quality requirements
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DIN EN ISO 3834-5 2015-11	Quality requirements for fusion welding of metallic materials – Part 5: Documents with which it is necessary to conform to claim conformity to the quality requirements of ISO 3834-2, ISO 3834-3 or ISO 3834-4
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DIN-Fachbericht CEN ISO/TR 3834-6 2007-05	Quality requirements for fusion welding of metallic materials – Part 6: Guidelines on implementing ISO 3834
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6. Certification scheme operated by the technical certification body for cast iron pipes and fittings, joints and accessories (water and gas supply, waste water disposal, evacuation of water from buildings) as well as pile pipes made of ductile iron

DIN EN 545 2011-09	Ductile iron pipes, fittings, accessories and their joints for water pipelines - Requirements and test methods – chapter 9
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DIN EN 598 2009-10	Ductile iron pipes, fittings, accessories and their joints for sewerage applications - Requirements and test methods - chapter 9
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DIN EN 877 2010-01	Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings - Requirements, test methods and quality assurance - chapter 6
DIN EN 969 2009-07	Ductile iron pipes, fittings, accessories and their joints for gas pipelines - Requirements and test methods - chapter 9
DIN EN 12842 2012-11	Ductile iron fittings for PVC-U or PE piping systems - Requirements and test methods – chapter 9

7. Certification scheme operated by the technical certification body for reinforcing steel and prefabricated reinforcement products made of reinforcing steel

DIN 488-6 2010-01	Reinforcing steel - Part 6: Assessment of conformity
for the following products based on:	
-	Reinforcing steels, reinforcing steel bars, reinforcing steel in coils, welded fabric and steel wire, lattice girders
	DIN 488-1:2009-08 bis DIN 488-5:2009-08
ÖNORM B 4707 2017-06	Steel for the reinforcement of concrete - Requirements, classification and testing
SIA 262; SN 505262 2013	Concrete Structures
AC 232	Acceptance criteria for anchor channels in concrete elements
AC 464	Acceptance criteria for load bearing thermal break assemblies installed between concrete balconies and concrete floors
BRL 0504	Nationale Beoordelingsrichtlijn voor het KOMO® productcertificaat voor Mechanische verbindingen van betonstaal
BRL 0505	Nationale Beoordelingsrichtlijn voor het KOMO® attest-met-productcertificaat voor Wapenengssystemen voor onderbreking van thermischen bruggen in beton
BRL 0506	Nationale Beoordelingsrichtlijn voor het KOMO® productcertificaat voor Stekken- en doorkoppelbakken

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BRL 0511	Nationale Beoordelingsrichtlijn voor het KOMO attest-met-product-certificaat voor Verankeringen voor betonnen sandwichconstructies
BRL 3121	Nationale Beoordelingsrichtlijn voor het KOMO attest-met-productcertificaat voor metalen lateien en metalen metselwerkondersteuning in metselwerkconstructies
NEN 6008 2008-07	Reinforcing Steel
MPA NRW ZP 21-02 Version 02 2016-10	Certification scheme prefabricated reinforcements

8. Certification scheme operated by the technical certification body for manhole covers

DIN EN 124-2 2015-09	Gully tops and manhole tops for vehicular and pedestrian areas - Part 2: Gully tops and manhole tops made of cast iron - chapter 7, Annex ZA
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9. Certification scheme operated by the technical certification body for metal chimneys und metallic chimney construction elements

MPA NRW ZP 21-01 Version 01 2015-09	Certification of metal chimneys and Metal chimney components in accordance with DIN EN 1856-1, DIN EN 1856-2, DIN EN 14989-2
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10. Certification scheme operated by the technical certification body for vitrified clay pipes and fittings

DIN EN 295-1 2013-05	Vitrified clay pipe systems for drains and sewers - Part 1: Requirements for pipes, fittings and joints - chapter 10
DIN EN 295-2 2013-05	Vitrified clay pipe systems for drains and sewers - Part 2: Evaluation of conformity and sampling - chapter 5
DIN EN 295-4 2013-05	Vitrified clay pipe systems for drains and sewers - Part 4: Requirements for adaptors, connectors and flexible couplings - chapter 9
DIN EN 295-5 2013-05	Vitrified clay pipe systems for drains and sewers - Part 5: Requirements for perforated pipes and fittings – chapter 9

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DIN EN 295-6 2013-05	Vitrified clay pipe systems for drains and sewers - Part 6: Requirements for components of manholes and inspection chambers - chapter 8
DIN EN 295-7 2013-05	Vitrified clay pipe systems for drains and sewers - Part 7: Requirements for pipes and joints for pipe jacking - chapter 9
DIN CEN/TR 16626, DIN SPEC 19629 2014-04	Vitrified clay pipe systems for drains and sewers - Guidance for voluntary third-party certification procedures

11. Certification scheme operated by the technical certification body for pipes and fittings made of plastics including pipe joints for drains and sewers

DIN CEN/TS 1329-2, DIN SPEC 19577 2018-08	Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Unplasticized poly(vinyl chloride) (PVC-U) - Part 2: Guidance for the assessment of conformity
DIN CEN/TS 1401-2, DIN SPEC 91137 2012-09	Plastics piping systems for non-pressure underground drainage and sewerage - Unplasticized poly(vinyl chloride) (PVC-U) - Part 2: Guidance for assessment of conformity
DIN CEN/TS 1451-2, DIN SPEC 91195 2012-05	Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Polypropylene (PP) - Part 2: Guidance for the assessment of conformity
DIN CEN/TS 1519-2, DIN SPEC 91196 2012-05	Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Polyethylene (PE) - Part 2: Guidance for the assessment of conformity
DIN CEN/TS 1852-2, DIN SPEC 19670 2016-04	Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 2: Guidance for the assessment of conformity
DIN CEN/TS 13476-4, DIN SPEC 19676 2013-07	Plastics piping systems for non-pressure underground drainage and sewerage - Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 4: Guidance for the assessment of conformity

for the following products based on:

- pipes and fittings with smooth internal and external surface and the system, Type A DIN EN 13476-2:2018-12

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- pipes and fittings with smooth internal and profiled external surface and the system, Type B DIN EN 13476-3:2018-12

DIN CEN/TS 14632,
DIN SPEC 19939
2012-05 Plastics piping systems for drainage, sewerage and water supply, pressure and non-pressure - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) - Guidance for the assessment of conformity

12. Certification scheme operated by the technical certification body for pipes and fittings made of plastic including multilayer composite pipes for piping systems for heating, hot and cold water installations

DIN CEN ISO/TS 15874-7,
DIN SPEC 19717
2019-04 Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 7: Guidance for the assessment of conformity

for the following products based on:

- Pipes DIN EN ISO 15874-2:2018-11
- Fittings DIN EN ISO 15874-3:2018-11

DIN CEN ISO/TS 15875-7,
DIN SPEC 19718
2019-04 Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 7: Guidance for the assessment of conformity

for the following products based on:

- Pipes DIN EN ISO 15875-2:2004-03
- Fittings DIN EN ISO 15875-2/A1:2007-09
- Fittings DIN EN ISO 15875-3:2004-03

DIN CEN ISO/TS 15876-7,
DIN SPEC 19719
2019-04 Plastics piping systems for hot and cold water installations - Polybutylene (PB) - Part 7: Guidance for the assessment of conformity

for the following products based on:

- Pipes DIN EN ISO 15876-2:2017-06
- Fittings DIN EN ISO 15876-3:2017-06

DIN CEN ISO/TS 21003-7,
DIN SPEC 19851
2019-09 Multilayer piping systems for hot and cold water installations inside buildings - Part 7: Guidance for the assessment of conformity

for the following products based on:

- Pipes DIN EN ISO 21003-2:2011-07
- Fittings DIN EN ISO 21003-3:2008-11

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DIN CEN ISO/TS 22391-7, Plastics piping systems for hot and cold water installations -
DIN SPEC 19576 Polyethylene of raised temperature resistance (PE-RT) - Part 7:
2019-04 Guidance for the assessment of conformity

for the following products based on:

- Pipes DIN EN ISO 22391-2:2010-04
- Fittings DIN EN ISO 22391-3:2010-04

13. Certification scheme operated by the technical certification body for seals for drains and sewers, seals in water and gas supply

DIN EN 681-1 2006-11	Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications - Part 1: Vulcanized rubber - Annex ZA
DIN EN 681-2 2006-11	Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications - Part 2: Thermoplastic elastomers- Annex ZA
DIN EN 681-3 2006-11	Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications - Part 3: Cellular materials of vulcanized rubber - Annex ZA
DIN EN 681-4 2006-11	Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications - Part 4: Cast polyurethane sealing elements - Annex ZA
DIN EN 682 2006-10	Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications - Part 4: Cast polyurethane sealing elements - Annex ZA
DIN EN 1123-1 2004-12	Pipes and fittings of longitudinally welded hot-dip galvanized steel pipes with spigot and socket for waste water systems - Part 1: Requirements, testing, quality control – chapter 12
DIN EN 14680 2015-12	Adhesives for non-pressure thermoplastic piping systems – Specifications - chapter 6 and annex ZA

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14. Certification scheme operated by the technical certification body for roofing and sealing membranes, roof waterproofing systems, joint tapes, underlays, damp proof courses, foils, in-situ Foam

MPA NRW ZP 23-01 Certification scheme Certification of sealants
Version 01
2017-04

MPA NRW ZP 23-03 Certification scheme for roof and building waterproofing
Version 01
2017-08

for the following products based on:

- Sheets of elastomers for waterproofing DIN 7864-1:1984-04
- Elastomeric-Waterstops for sealing DIN 7865-1:2015-02
DIN 7865-2:2015-02
- Waterproofing of roofs, balconies and walkways
Non-utilized and utilized roofs DIN 18531-1:2017-07
DIN 18531-2:2017-07
Balconies and walkways DIN 18531-5:2017-07
- Waterproofing of elements in contact with soil - with waterproofing materials in sheet form, liquid-applied waterproofing materials DIN 18533-1:2017-07
DIN 18533-1/A1:2018-09
DIN 18533-2:2017-07
DIN 18533-3:2017-07
DIN 18533-3/A1:2018-09
- Termoplastic waterstops for sealing joints in concrete DIN 18541-1:2014-11
DIN 18541-2:2014-11
- Uncoated bitumen saturated sheeting DIN 52129:2014-11
- Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing DIN EN 13707:2013-12
- Flexible sheets for waterproofing - Underlays for discontinuous roofing, DIN EN 13859-1:2014-07

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Underlays for walls	DIN EN 13859-2:2014-07
- Plastic and rubber sheets for roof waterproofing	DIN EN 13956:2013-03
- Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet	DIN EN 13967:2017-08
- Bitumen damp proof sheets including bitumen basement tanking sheets	DIN EN 13969:2007-03
- Bitumen water vapour control layers	DIN EN 13970:2005-02
- Plastic and rubber vapour control layers	DIN EN 13984:2013-05
- Plastic and rubber damp proof courses	DIN EN 14909:2012-07
- Bitumen damp proof courses	DIN EN 14967:2006-08
- Polymer modified bituminous thick coatings for waterproofing	DIN EN 15814:2015-03
MPA NRW ZP 23-07 Version 01 2017-08 for the following products based on:	Roof and building waterproofing with liquid applied roof waterproofing kits according to ETA or abP
- liquid applied roof waterproofing kits	ETAG 005-1 bis ETAG 005-8

15. Certification scheme operated by the technical certification body for exhaust systems made of plastic, seals for exhaust systems

MPA NRW ZP 23-04 Version 01 2017-08 for the following products based on:	Certification scheme for system chimneys with plastic flue liners
- Chimneys - Elastomeric seals in flue liners	DIN EN 14241-1:2013-11

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16. Certification scheme operated by the technical certification body for thermal insulation materials

KEYMARK 2019-09-23	European Insulation KEYMARK Scheme of Thermal Insulation Products
MPA NRW ZP 23-02 Version 04 2020-02	Thermal insulation boards for buildings
MPA NRW ZP 23-09 Version 01 2019-12	Loose thermal insulation materials for buildings

17. Certification of construction products (systems of assessment and verification of constancy of performance 1/1+) 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 ¹⁾	Technical specification
1995/467/EC Structural bearings	1	EN 1337-3:2005 Structural bearings - Part 3: Elastomeric bearings
		EAD 040777-00-1201 Cellular glass boards as load bearing layer and thermal insulation outside the waterproofing
1995/467/EC Chimneys, flues and specific products	1/2+	EN 14471:2013+A1:2015 Chimneys - System chimneys with plastic flue liners - Requirements and test methods
	2+	EN 1856-1:2009 Chimneys - Requirements for metal chimneys - Part 1: System chimney products
		EN 1856-2:2009 Chimneys - Requirements for metal chimneys - Part 2: Metal flue liners and connecting flue pipes
		EN 14989-1:2007 Chimneys - Requirements and test methods for metal chimneys and material independent air supply ducts for roomsealed heating applications - Part 1: Vertical air/flue terminals for C6-type appliances

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Decision / resolution of the Commission	System ¹⁾	Technical specification
1995/467/EC Chimneys, flues and specific products	2+	EN 14989-2:2007 Chimneys - Requirements and test methods for metal chimneys and material independent air supply ducts for roomsealed heating applications - Part 2: Flue and air supply ducts for room sealed appliances
		EN 16475-2:2017* Chimneys - Accessories - Part 2: Chimney fans - Requirements and test methods
		EN 16475-3:2016+A1:2018* Chimneys - Accessories - Part 3: Draught regulators, standstill opening devices and combined secondary air devices - Requirements and test methods
1996/577/EC Fire alarm/detection, fixed fire-fighting, fire and smoke control and explosion suppression products	1	EN 12101-1:2005+A1:2006 Smoke and heat control systems - Part 1: Specification for smoke barriers
		EN 12101-2:2003 Smoke and heat control systems - Part 2: Natural smoke and heat exhaust ventilators
		EN 12101-7:2011 Smoke and heat control systems - Part 7: Smoke duct sections
		EN 12101-8:2011 Smoke and heat control systems - Part 8: Smoke control dampers
		EN 15650:2010 Ventilation for buildings - Fire dampers
1996/580/EC Curtain wallings	1	EAD 330499-00-0601 Bonded fasteners for use in concrete
1996/582/EC Metal anchors for use in concrete (mechanical fasteners)	1	EAD 330012-00-0601 Cast-in anchor with internal threaded socket
		EAD 330232-00-0601 Mechanical fasteners for use in concrete
1997/161/EC Metal anchors for use in concrete for fixing lightweight systems	2+	EAD 330075-00-0601 Elevator Lifting device
		EAD 330747-00-0601 Fasteners for use in concrete for redundant non-structural systems

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Decision / resolution of the Commission	System ¹⁾	Technical specification
1997/463/EC Plastic anchors for use in concrete and masonry	2+	ETAG 020:2012 Guideline for european technical approval of plastic anchors for multiple use in concrete and masonry for non-structural applications
		ETAG 020-1:2012 Part 1: General
		ETAG 020-2:2012 Part 2: Plastic anchors for use in normal weight concrete
		ETAG 020-3:2012 Part 3: Plastic anchors for use in solid masonry materials
1997/463/EC Plastic anchors for use in concrete and masonry	2+	ETAG 020-4:2012 Part 4: Plastic anchors for use in hollow or perforated masonry
		ETAG 020-5:2012 Part 5: Plastic anchors for use in autoclaved aerated concrete
		EAD 330083-02-0601 Power-actuated fastener for multiple use in concrete for non-structural applications.
		EAD 330196-02-0604 Plastic anchors made of virgin or non-virgin material for fixing of external thermal insulation composite systems with rendering
1997/556/EC External thermal insulation composite systems/kits with rendering (ETICS)	1/2+	ETAG 004:2013 Guideline for european technical approval of external thermal insulation composite systems with rendering
1997/597/EC Reinforcing and prestressing steel for concrete	1+	EAD 050001-00-0301 Load bearing thermal insulating elements which form a thermal break between balconies and internal floors
		EAD 160003-00-0301 Double headed studs for the increase of punching shear resistance of flat slabs or footings and ground slabs
1997/740/EC Masonry and related products	1	EN 15824:2017 Specifications for external renders and internal plasters based on organic binders
	2+	EN 771-1:2011+A1:2015 Specification for masonry units - Part 1: Clay masonry units

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Decision / resolution of the Commission	System ¹⁾	Technical specification
1997/740/EC Masonry and related products	2+	EN 998-2:2016 Specification for mortar for masonry - Part 2: Masonry mortar
1997/808/EC Floorings	1	EN 13454-1:2004 Binders, composite binders and factory made mixtures for floor screeds based on calcium sulfate - Part 1: Definitions and requirements
		EN 13813:2002 Screed material and floor screeds - Screed materials - Properties and requirements (not for mastic asphalt)
1998/214/EC Structural metallic products and ancillaries	2+	EN 1090-1:2009+A1:2011 Execution of steel structures and aluminium structures - Part 1: Requirements for conformity assessment of structural components
		EN 10025-1:2004 Hot rolled products of structural steels - Part 1: General technical delivery conditions
		EN 10088-4:2009 Stainless steels - Part 4: Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for construction purposes
		EN 10088-5:2009 Stainless steels - Part 5: Technical delivery conditions for bars, rods, wire, sections and bright products of corrosion resisting steels for construction purposes
		EN 10210-1:2006 Hot finished structural hollow sections of non-alloy and fine grain steels - Part 1: Technical delivery conditions
		EN 10219-1:2006 Cold formed welded structural hollow sections of non-alloy and fine grain steels - Part 1: Technical delivery conditions
		EN 10340:2007 + AC:2008 Steel castings for structural uses
EN 10343:2009 teels for quenching and tempering for construction purposes - Technical delivery conditions		

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Decision / resolution of the Commission	System ¹⁾	Technical specification
1998/214/EC Structural metallic products and ancillaries	2+	EN 14399-1:2015 High-strength structural bolting assemblies for preloading - Part 1: General requirements
		EN 15048-1:2007 Non-preloaded structural bolting assemblies - Part 1: General requirements
		EN 15088:2005 Aluminium and aluminium alloys - Structural products for construction works - Technical conditions for inspection and delivery
		EAD 200032-00-0602 Prefabricated tension rod systems with special end connectors
		EAD 200043-01-0103 Pile pipes made of ductile iron
		EAD 200059-00-0302 Steel components for pallet racking systems
		EAD 330667-00-0602 Hot-rolled mounting channel
1998/456/EC Post-tensioning kits for the prestressing of structures	1+	EAD 160004-00-0301 Post-tensioning systems for prestressing of structures
		EAD 160027-00-0301 Special filling products for post-tensioning kits
1998/598/EC 2002/592/EC Aggregates for uses with high safety requirements	2+	EN 12620:2002+A1:2008 Aggregates for concrete
		EN 13043:2002+AC:2004 Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked areas
		EN 13139:2002+AC:2004 Aggregates for mortar
		EN 13055-1:2002+AC:2004 Lightweight aggregates - Part 1: Lightweight aggregates for concrete, mortar and grout
		EN 13055-2:2004 Lightweight aggregates - Part 2: Lightweight aggregates for bituminous mixtures and surface treatments and for unbound and bound applications
EN 13242:2002+A1:2007 Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction		

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Decision / resolution of the Commission	System ¹⁾	Technical specification
1999/90/EC Membranes	2+	EN 13707:2004+A2:2009 Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing - Definitions and characteristics
		EN 13956:2012 Flexible sheets for waterproofing - Plastic and rubber sheets for roof waterproofing - Definitions and characteristics
		EN 13967:2012 Flexible sheets for waterproofing - Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet - Definitions and characteristics
1999/90/EC Membranes	2+	EN 13969:2004+A1:2006 Flexible sheets for waterproofing - Bitumen damp proof sheets including bitumen basement tanking sheets - Definitions and characteristics
1999/91/EC Thermal insulating products	1	EN 13162:2012+A1:2015 Thermal insulation products for buildings - Factory made mineral wool (MW) products - Specification
		EN 13163:2012+A1:2015 Thermal insulation products for buildings - Factory made expanded polystyrene (EPS) products - Specification
		EN 13164:2012+A1:2015 Thermal insulation products for buildings - Factory made extruded polystyrene foam (XPS) products – Specification
		EN 13165:2012+A2:2016 Thermal insulation products for buildings - Factory made rigid polyurethane foam (PU) products – Specification
		EN 13166:2012+A2:2016 Thermal insulation products for buildings - Factory made phenolic foam (PF) products - Specification
		EN 13167:2012+A1:2015 Thermal insulation products for buildings - Factory made cellular glass (CG) products - Specification
		EN 13168:2012+A1:2015 Thermal insulation products for buildings - Factory made wood wool (WW) products - Specification
		EN 13169:2012+A1:2015 Thermal insulation products for buildings - Factory made expanded perlite board (EPB) products - Specification

Decision / resolution of the Commission	System ¹⁾	Technical specification
<p>1999/91/EC Thermal insulating products</p>	<p>1</p>	<p>EN 13170:2012+A1:2015 Thermal insulation products for buildings - Factory made products of expanded cork (ICB) - Specification</p>
		<p>EN 13171:2012+A1:2015 Thermal insulation products for buildings - Factory made wood fibre (WF) products - Specification</p>
		<p>EN 14063-1:2004+AC:2006 Thermal insulation materials and products - In-situ formed expanded clay lightweight aggregate products (LWA) - Part 1: Specification for the loose-fill products before installation</p>
		<p>EN 14064-1:2010 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>EN 14303:2009+A1:2013 Thermal insulation products for building equipment and industrial installations - Factory made mineral wool (MW) products – Specification</p>
		<p>EN 14304:2009+A1:2013 Thermal insulation products for building equipment and industrial installations - Factory made flexible elastomeric foam (FEF) products – Specification</p>
		<p>EN 14305:2009+A1:2013 Thermal insulation products for building equipment and industrial installations - Factory made cellular glass (CG) products - Specification;</p>
		<p>EN 14306:2009+A1:2013 Thermal insulation products for building equipment and industrial installations - Factory made calcium silicate (CS) products – Specification</p>
<p>EN 14307:2009+A1:2013 Thermal insulation products for building equipment and industrial installations - Factory made extruded polystyrene foam (XPS) products – Specification</p>		

Decision / resolution of the Commission	System ¹⁾	Technical specification
<p>1999/91/EC Thermal insulating products</p>	<p>1</p>	<p>EN 14308:2009+A1:2013 Wärmedämmstoffe für die technische Gebäudeausrüstung und für betriebstechnische Anlagen in der Industrie - Werkmäßig hergestellte Produkte aus Polyurethan-Hartschaum (PUR) und Polyisocyanurat-Schaum (PIR) - Spezifikation</p>
		<p>EN 14309:2009+A1:2013 Thermal insulation products for building equipment and industrial installations - Factory made rigid polyurethane foam (PUR) and polyisocyanurate foam (PIR) products - Specification</p>
		<p>EN 14313:2009+A1:2013 Thermal insulation products for building equipment and industrial installations - Factory made polyethylene foam (PEF) products – Specification</p>
		<p>EN 14314:2009+A1:2013 Thermal insulation products for building equipment and industrial installations - Factory made phenolic foam (PF) products – Specification</p>
		<p>EN 14315-1:2013 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>EN 14316-1:2004 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>EN 14317-1:2004 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>EN 15101-1:2013+A1:2019* Thermal insulation products for buildings - In-situ formed loose fill cellulose (LFCI) products - Part 1: Specification for the products before installation</p>
<p>1999/91/EC Thermal insulating products</p>	<p>1</p>	<p>EN 15599-1:2010 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>

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Decision / resolution of the Commission	System ¹⁾	Technical specification
		<p>EN 15600-1:2010 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>EN 16069:2012+A1:2015 Thermal insulation products for buildings - Factory made products of polyethylene foam (PEF) - Specification</p> <p>EAD 040005-00-1201 Factory-made thermal and/or acoustic insulation products made of vegetable or animal fibres</p> <p>EAD 040010-00-1201 Insulation product made of expanded perlite (EPB)</p> <p>EAD 040011-00-1201 Vacuum insulation panels (VIP) with factory applied protection layers</p> <p>EAD 040012-00-1201 Thermal insulation board made of mineral material</p> <p>EAD 040037-00-1201 Low lambda composite boards made of mineral wool fibres and aerogel additives</p> <p>EAD 040138-01-1201 In-situ formed loose fill thermal and/or acoustic insulation products made of vegetable fibres</p> <p>EAD 040461-00-1201 In-situ formed loose fill thermal and/or acoustic insulation products made of vegetable fibres</p> <p>EAD 040635-00-1201 Thermal and/or sound insulation based on bound expanded polystyrene bulk material</p> <p>EAD 040650-00-1201 Extruded polystyrene foam boards as load bearing layer and/or thermal insulation outside the waterproofing</p>
<p>1999/91/EC Thermal insulating products</p>	<p>1</p>	<p>EAD 40729-00-1201* Thermal Insulation made of loose mineral wool</p> <p>EAD 040773-00-1201 Expanded polystyrene foam boards as load bearing layer and thermal insulation outside the waterproofing</p>

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Decision / resolution of the Commission	System ¹⁾	Technical specification
<p>1999/93/EC 2011/246/EC Doors, windows, shutters, blinds, gates and related building hardware</p>	1	<p>EN 179:2008 Building hardware - Emergency exit devices operated by a lever handle or push pad, for use on escape routes - Requirements and test methods</p>
		<p>EN 1125:2008 Building hardware - Panic exit devices operated by a horizontal bar, for use on escape routes - Requirements and test methods</p>
		<p>EN 1154:1996+A1:2002+AC:2006 Building hardware - Controlled door closing devices - Requirements and test methods</p>
		<p>EN 1155:1997+A1:2002+AC:2006 Building hardware - Electrically powered hold-open devices for swing doors - Requirements and test methods</p>
		<p>EN 1158: 1997+A1:2002+AC:2006 Building hardware - Door coordinator devices - Requirements and test methods</p>
		<p>EN 1935:2002+AC:2003 Building hardware - Single-axis hinges - Requirements and test methods</p>
		<p>EN 12209:2003+AC:2005 Building hardware - Mechanically operated locks and locking plates - Requirements and test methods</p>
		<p>EN 14846:2008 Building hardware - Locks and latches - Electromechanically operated locks and striking plates - Requirements and test methods</p>
		<p>EN 14351-1:2006+A2:2016 Windows and doors - Product standard, performance characteristics - Part 1: Windows and external pedestrian doorsets</p>
		<p>EN 14351-2:2018* Windows and doors - Product standard, performance characteristics - Part 2: Internal pedestrian doorsets</p>
<p>1999/93/EC 2011/246/EC Doors, windows, shutters, blinds, gates and related building hardware</p>	1	<p>EN 16034:2014 Pedestrian doorsets, industrial, commercial, garage doors and openable windows - Product standard, performance characteristics - Fire resistance and/or smoke control characteristics</p>

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Decision / resolution of the Commission	System ¹⁾	Technical specification
1999/93/EC 2011/246/EC Doors, windows, shutters, blinds, gates and related building hardware	1	EAD 020029-00-1102 Internal pedestrian fire resisting and/or smoke control single or double leaf doorsets made of steel
1999/94/EC Precast normal/lightweight/autoclaved aerated concrete products	2+	EN 1168:2005+A3:2011 Precast concrete products - Hollow core slabs
		EN 12794:2005+A1:2007+AC:2008 Precast concrete products - Foundation piles
		EN 13224:2011 Precast concrete products - Ribbed floor elements
		EN 13225:2013 Precast concrete products - Linear structural elements
		EN 13693:2004+A1:2009 Precast concrete products - Special roof elements
		EN 13747:2005+A2:2010 Precast concrete products - Floor plates for floor systems
		EN 14843:2007 Precast concrete products - Stairs
		EN 14844:2006+A2:2011 Precast concrete products - Box culverts
		EN 14991:2007 Precast concrete products - Foundation elements
		EN 14992:2007+A1:2012 Precast concrete products - Wall elements
EN 15050:2007+A1:2012 Precast concrete products - Bridge elements		
EN 15258:2008 Precast concrete products - Retaining wall elements		
1999/454/EC Fire stopping, fire sealing and fire protection products	1	EAD 350003-00-1109 Kit for fire resistant service ducts consisting of pre-fabricated connection pieces (made of mechanically pre-coated steel sheet) and accessories
		EAD 350141-00-1106 Linear joint and gap seals
		EAD 350454-00-1104 Fire stopping and fire sealing products - Penetration seals
1999/469/EC Products related to concrete, mortar and grout	1+	EN 450-1:2012 Fly ash for concrete - Part 1: Definition, specifications and conformity criteria

Decision / resolution of the Commission	System ¹⁾	Technical specification
<p>1999/469/EC Products related to concrete, mortar and grout</p>	1	<p>EN 14889-1:2006 Fibres for concrete - Part 1: Steel fibres - Definitions, specifications and conformity</p>
		<p>EN 934-3:2009+A1:2012 Admixtures for concrete, mortar and grout - Part 3: Admixtures for masonry mortar - Definitions, requirements, conformity and marking and labelling</p>
		<p>EN 934-4:2009 Admixtures for concrete, mortar and grout - Part 4: Admixtures for grout for prestressing tendons - Definitions, requirements, conformity, marking and labelling</p>
	2+	<p>EN 934-2:2009+A1:2012 Admixtures for concrete, mortar and grout - Part 2: Concrete admixtures - Definitions, requirements, conformity, marking and labelling</p>
		<p>EN 934-5:2007 Admixtures for concrete, mortar and grout - Part 5: Admixtures for sprayed concrete - Definitions, requirements, conformity, marking and labelling</p>
		<p>EN 1504-2:2004 Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 2: Surface protection systems for concrete</p>
		<p>EN 1504-3:2005 Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 3: Structural and non-structural repair</p>
		<p>EN 1504-4:2004 Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 4: Structural bonding</p>
		<p>EN 1504-5:2004 Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 5: Concrete injection</p>

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Decision / resolution of the Commission	System ¹⁾	Technical specification
1999/469/EC Products related to concrete, mortar and grout	2+	EN 1504-6:2006 Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 6: Anchoring of reinforcing steel bar
		EN 1504-7:2006 Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 7: Reinforcement corrosion protection
2000/273/EC Seven products for European Technical Approvals	1	EAD 330008-02-0601 Anchor channels
2000/606/EG Six products for European Technical Approvals	1+	EAD 160129-00-0301²⁾ Couplers for mechanical splices of reinforcing steel bars
2011/19/EU Sealants for non-structural use in joints in buildings and pedestrian walkways	1	EN 15651-1:2012 Sealants for non-structural use in joints in buildings and pedestrian walkways - Part 1: Sealants for facade elements
		EN 15651-2:2012 Sealants for non-structural use in joints in buildings and pedestrian walkways - Part 2: Sealants for glazing
		EN 15651-3:2012 Sealants for non-structural use in joints in buildings and pedestrian walkways - Part 3: Sealants for sanitary joints
		EN 15651-4:2012 Sealants for non-structural use in joints in buildings and pedestrian walkways - Part 4: Sealants for pedestrian walkways

¹⁾ System of assessment and verification of consistency of performance

* Harmonization in preparation

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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:

AC	Test standard from the American Concrete Institute (Amerikanisches Beton Normungsinstitut)
BRL	Bewertungsrichtlinie für das KOMO (niederländische) Zertifizierungsprogram für Bauprodukte
CEN / TS	Comité Européen de Normalisation / Technical Specification
EAD	European Assessment Document
ETAG	ETA Guideline
NEN	Niederländische Norm (Nederlandse Norm)
MPA NRW ZP	Certification Scheme of the Materialprüfungsamt NRW
ÖNORM	Österreichische Norm
SIA	Norm vom Schweizerischer Ingenieur- und Architektenverein
SN	Schweizerische Normen-Vereinigung