

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-14169-03-02 according to DIN EN ISO/IEC 17025:2005

Valid from: 19.03.2019

Date of issue: 20.05.2019

Holder of certificate:

TÜV Rheinland LGA Products GmbH

at the locations:

Alboinstraße 56, 12103 Berlin

Wilhelm-Franke-Straße 66, 01219 Dresden

Am Grauen Stein, 51105 Köln

Tillystraße 2, 90431 Nürnberg

Dreikronenstraße 31, 97082 Würzburg

Tests in the areas of:

Examination of technical documentation and determination of the airborne noise of equipment and machinery listed in this appendix, measurement of airborne noise for determination of the sound power level of equipment, machine acoustics, machinery, building acoustics

Testing of construction products under Regulation (EU) No 305/2011 laying down harmonised conditions for the marketing of construction products (Construction Products Regulation)

Testing of noise absorption of construction products, where reference to a relevant harmonised technical specification is not required (point 3. Annex V, (EU) No. 305/2011)

Within the scope of accreditation marked with *, the testing laboratory is permitted to use the standardised test methods listed here with different revision levels of the standard without prior disclosure to or agreement by DAkks.

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>*

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The test methods are marked with the following symbols for the locations at which they are carried out:

B = Laboratory location Berlin DD = Laboratory location Dresden
N = Laboratory location Nuremberg K = Laboratory location Cologne
W = Laboratory location Würzburg

1 Examination of technical documentation and measurement of airborne noise in accordance with Directive 2000/14/EC¹, in the context of Annex III (method of measurement of airborne noise emitted by equipment for use outdoors), in the context of Annex VI (internal control of production with assessment of technical documentation and periodical checking) and in the context of Annex VII (unit verification)

1.1 The following equipment types in accordance with Article 12 2000/14/EC (tests at the Nuremberg laboratory location):

Builders' hoists for the transport of goods, compaction machines (only vibrating and non-vibrating rollers, vibratory plates and vibratory rammers), compressors (< 350 kW), concrete-breakers and picks, hand-held, construction winches (combustion-engine driven), dozers (< 500 kW), dumpers (< 500 kW), excavators, hydraulic or rope-operated (< 500 kW), excavator-loaders (< 500 kW), graders (< 500 kW), hydraulic power packs, landfill compactors, loader-type with bucket (< 500 kW), lawnmowers (excluding agricultural and forestry equipment, and multi-purpose devices, the main motorised component of which has an installed power of more than 20 kW), lawn trimmers/lawn edge trimmers, lift trucks, combustion-engine driven, counterbalanced (excluding "other counterbalanced lift trucks" as defined in Annex I, item 36, second indent Directive 2000/14/EC with a rated capacity of not more than 10 tonnes), loaders (< 500 kW), mobile cranes, motor hoes (< 3 kW), paver-finishers (excluding paver-finishers equipped with a high-compaction screed), power generators (< 400 kW), tower cranes, welding generators

1.2 The following equipment types in accordance with Article 12 2000/14/EC (tests at the Cologne laboratory location):

lawnmowers (excluding agricultural and forestry equipment, and multi-purpose devices, the main motorised component of which has an installed power of more than 20 kW), lawn trimmers/lawn edge trimmers, motor hoes (< 3 kW)

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For the following test methods:

Technical field	Standard/in-house method/version	Title of standard or in-house method	Location
Noise emissions	EN ISO 3744:2010	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane	K, N
	DIN EN ISO 3744:2011	Acoustics – Determination of sound power levels and sound energy levels of noise sources using sound pressure – Engineering methods for an essentially free field over a reflecting plane	K, N
	EN ISO 3746:2010	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure -Survey method using an enveloping measurement surface over a reflecting plane	K, N
	DIN EN ISO 3746:2011	Acoustics – Determination of sound power levels and sound energy levels of noise sources using sound pressure – Survey method using an enveloping measurement surface over a reflecting plane	K, N

2 Measurement of airborne noise for determination of the sound power level in accordance with Annex III of Directive 2000/14/EC for equipment in accordance with Article 13 of Directive 2000/14/EC

Technical field	Standard/in-house method/version	Title of standard or in-house method	Location
Noise emissions	EN 500-4 Re. 1:1998	Mobile road construction machinery - Safety- Part 4: Specific requirements for compaction machines	N

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3 Machine acoustics*

Technical field	Standard/in-house method/version	Title of standard or in-house method	Location
Noise emissions	EN ISO 3744:2010	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane	K
	DIN EN ISO 3744:2011	Acoustics – Determination of sound power levels and sound energy levels of noise sources using sound pressure – Engineering methods for an essentially free field over a reflecting plane	K
	EN ISO 3746:2010	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Survey method using an enveloping measurement surface over a reflecting plane	K
	DIN EN ISO 3746:2011	Acoustics – Determination of sound power levels and sound energy levels of noise sources using sound pressure – Survey method using an enveloping measurement surface over a reflecting plane	K
	ISO 4871:1996 EN ISO 4871:2009	Acoustics -Declaration and verification of noise emission values of machinery and equipment	K, N
	DIN EN ISO 4871:2009	Acoustics – Declaration and verification of noise emission values of machinery and equipment	K, N
	ISO 7960:1995	Airborne noise emitted by machine tools -Operating conditions for woodworking machines	K, N
	ISO 8528-10:1998	Reciprocating internal combustion engine driven alternating current generating sets -Part 10: Measurement of airborne noise by the enveloping surface method	K, N
	ISO 9207:1995	Manually portable chain-saws with internal combustion engine - Determination of sound power levels - Engineering method (Grade 2)	K, N

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Technical field	Standard/in-house method/version	Title of standard or in-house method	Location
Noise emissions	ISO 10884:1995	Manually portable brush-cutters and grass-trimmers with internal combustion engine -Determination of sound power levels -Engineering method (Grade 2)	K, N
	ISO 11094:1991	Acoustics -Test code for the measurement of airborne noise emitted by power lawn movers, lawn tractors, lawn and garden tractors, professional mowers, and lawn and garden tractors with moving attachments	K, N
	EN 16228-1:2014	Drilling and foundation equipment - Safety - Part 1: Common requirements	N

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4 Testing of machines *

Technical field	Standard/in-house method/version	Title of standard or in-house method	Location
Product and site safety of machines	EN 61010-1:2010	Safety requirements for electrical equipment for measurement, control and laboratory use	B, K
	EN 61010-2-040 2005-09 DIN EN 61010-2-040 2006-02	Safety requirements for electrical equipment for measurement, control and laboratory use Particular requirements for sterilizers and washer-disinfectors used to treat medical materials	B
	E DIN EN 61010-2-120 2013-09	Safety requirements for electrical equipment for measurement, control and laboratory use Particular safety requirements for machinery	K, N
	EN ISO 11148-1/-2/-3/ -4/-5/-6/-7/-8/-9/-10/-11/-12 2012-12 DIN EN ISO 11148-1/ -2/-3/-4/-5/-6/-7/-8/-9/-10/-11/- 12 2013-05	Hand-held non-electric power tools – Safety requirements	K, N
	DIN EN ISO 10218-2 2012-06	Robots and robotic devices - Safety requirements for industrial robots - Part 2: Robot systems and integration (ISO 10218-2:2011)	K
	DIN EN ISO 12100 2011-03 + B1 2013-08 EN ISO 12100 2010-11 ISO 12100 2010-11	Safety of machinery – General principles for design – Risk assessment and risk reduction (ISO 12100:2010)	N
	DIN EN ISO 13849-1 2008-12 EN ISO 13849-1 2015-12 ISO 13849-1 2015-12	Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design (ISO 13849-1:2006)	K, N
	DIN EN ISO 13849-2 2013-02 EN ISO 13849-2 2012-10 ISO 13849-2 2012-10	Safety of machinery - Safety-related parts of control systems - Part 2: Validation	K, B, N

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Product and site safety of machines	EN ISO 13482 2014-02	Robots and robotic devices - Safety requirements for personal care robots (ISO 13482:2014)	K, B
	EN 1012-3 2013-11	Compressors and vacuum pumps - Safety requirements - Part 3: Process compressors	K, N
	EN 12601 2010-12	Reciprocating internal combustion engine driven generating sets – Safety	N, K, B
	EN ISO 4254-5/-6/-7/-10/-11/-12 2012-06 DIN EN ISO 4254-5/-6/-7/-10/-11/-12 2012-10	Agricultural machinery – Safety	K, N
	EN 500-1/-2/-3/-4/-6 2011-02	Mobile road construction machinery – Safety	K
	EN 609-2 2009-09	Agricultural and forestry machinery – Safety of log splitters – Part 2: Screw splitters	K, N
	EN ISO 10472-2/-3/-4/-5/-6 2008-11	Safety requirements for industrial laundry machinery	K
	EN ISO 11111-2/-3/-4/-5/-6/-7 2009-07	Textile machinery – Safety requirements	K
	EN 1672-1 2014-12	Food processing machinery – Basic concepts – Part 1: Safety requirements	K
	EN 1672-2 2009-07	Food processing machinery – Basic concepts – Part 2: Hygiene requirements	K
	EN 1673 2009-12	Food processing machinery – Rotary rack ovens – Safety and hygiene requirements	K
	EN 1674 2015-09	Food processing machinery – Dough sheeters – Safety and hygiene requirements	K
	IEC 60335-1 2010-05+AMD1:2013 +AMD2:2016 EN 60335-1 2012-01+AC+A11+A13	Household and similar electrical appliances - Safety - Part 1: General requirements.	N
	IEC 60335-2-91 2008-02	Household and similar electrical appliances - Safety - Part 2-91: Particular requirements for walk-behind and hand-held lawn trimmers and lawn edges trimmers.	N

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Product and site safety of machines	IEC 60335-2-92 2002-07 Corr. 1 2003-05	Household and similar electrical appliances- Safety- Part 2-92: Particular requirements for pedestrian-controlled mains-operated lawn scarifiers and aerators.	N
	IEC 60335-2-94 2008-01	Household and similar electrical appliances - Safety - Part 2-94: Particular requirements for scissors type grass shears.	N
	IEC 60335-2-100 2002-09 FprEN 60335-2-100 2013-05	Household and similar electrical appliances - Safety - Part 2-100: Particular requirements for hand-held mains-operated garden blowers, vacuums and blower vacuums.	N
	IEC 60335-2-77 2002-07 EN 60335-2-77 2010-09	Safety of household and similar appliances – Part 2-77: Particular requirements for pedestrian-controlled walk-behind electrically powered lawn mowers (IEC 60335-2-77:2002, modified)	N
	IEC 60335-2-107 2017-12	Household and similar electrical appliances – Safety – Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers	N
	EN 50636-2-91 2014-06	Household and similar electrical appliances - Safety - Part 2-91: Particular requirements for walk-behind and hand-held lawn trimmers and lawn edges trimmers	N
	EN 50636-2-92 2014-06	Household and similar electrical appliances - Safety - Part 2-92: Particular requirements for pedestrian-controlled mains-operated lawn scarifiers and aerators	N
	EN 50636-2-94 2014-06	Household and similar electrical appliances - Safety - Part 2-94: Particular requirements for scissors type grass shears	N
	EN 50636-2-100 2014-06	Household and similar electrical appliances - Safety - Part 2-100: Particular requirements for handheld mains-operated garden blowers, vacuums and blower vacuums	N

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Product and site safety of machines	EN 50636-2-107+A1 2015-01	Safety of household and similar appliances - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers	N
	EN 50434 2014-06	Safety of household and similar appliances - Particular requirements for mains operated shredders and chippers	N
	EN 50569 2013-11	Household and similar electrical appliances - Safety - Particular requirements for commercial electric spin extractors	K
	EN 50570 2013-11	Household and similar electrical appliances - Safety - Particular requirements for commercial electric tumble dryers	K
	EN 50571 2013-11	Household and similar electrical appliances - Safety - Particular requirements for commercial electric washing machines	K
	EN 12012-1/-3/-4 2008-09	Plastics and rubber machines - Size reduction machines	K
	EN 12301 + A1 2008-09	Rubber and plastics machines - Calenders - Safety requirements	K
	EN 12409 + A1 2011-10	Plastics and rubber machines - Thermoforming machines - Safety requirements	K
	DIN EN 14886 2008-06	Plastics and rubber machines – Bandknife cutting machines for block foam – Safety requirements; German version EN 14886:2008	K, B
	EN 60204-1 2006-06 DIN EN 60204-1 2007-06	Safety of machinery - Electrical equipment of machines - Part 1: General requirements	B, N
	IEC 60204-1 2005-10 EN 60204-1 2006-06 DIN EN 60204-1 +A1+Ber.1 2010-05	Safety of machinery - Electrical equipment of machines.	K
	DIN EN 60204-32 2009-03 EN 60204-32 2008-09	Safety of machinery – Electrical equipment of machines – Requirements for hoisting machines	K, B
	EN ISO 11681-1 2011-12	Machinery for forestry- Portable chain-saws safety requirements and testing- Part 1: chain-saws for forest service	N

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Product and site safety of machines	EN ISO 11681-2+A1 2011-12	Machinery for forestry- Portable chain-saws safety requirements and testing- Part 1: chain-saws for tree service	N
	EN 453 2014-10	Food processing machinery – Dough mixers – Safety and hygiene requirements	K
	EN 454 2014-11	Food processing machinery – Planetary mixers – Safety and hygiene requirements	K
	EN 536 2015-08	Road construction machines – Mixing plants for road construction materials – Safety requirements	K
	EN 1417 2014-12	Plastics and rubber machines – Two roll mills – Safety requirements	K
	EN 1459:1998+A3 2012-02	Safety of industrial trucks – Self-propelled variable reach trucks	K
	EN 1459-2 2015-09	Rough-terrain trucks – Safety requirements and verification – Part 2: Slewing variable-reach trucks	K
	EN 12041 2014-11	Food processing machinery – Moulders – Safety and hygiene requirements	K
	EN 12042 2014-04	Food processing machinery – Dough mixers – Safety and hygiene requirements	K
	EN 12043 2014-11	Food processing machinery – Intermediate provers – Safety and hygiene requirements	K
	EN 12268 2014-11	Food processing machinery – Band saw machines – Safety and hygiene requirements	K
	EN 12547 2014-10	Centrifuges – General safety requirements	K
	EN 13870 2014-10	Food processing machinery – Portion cutting machines – Safety and hygiene requirements	K
	EN 13871 2014-11	Food processing machinery – Cubes cutting machinery – Safety and hygiene requirements	K
	EN 13885+A1 2010-06	Food processing machinery – Clipping machines – Safety and hygiene requirements	K
EN 13886+A1 2010-03	Food processing machinery – Cooking kettles equipped with powered stirrer and/or mixer – Safety and hygiene requirements	K	

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Product and site safety of machines	EN 15572 2015-08	Machines and plants for mining and tooling of natural stone –Safety – Requirements for edge finishing machines	K
	EN 15811 2014-12	Agricultural machinery – Fixed guards and interlocked guards with or without guard locking for moving transmission parts (ISO/TS 28923:2012 modified)	K
	EN 15861 2012-06	Food processing machinery – Smokehouses – Safety and hygiene requirements	K
	EN 16474 2015-04	Plastics and rubber machines –Tyre curing presses – Safety requirements	K
	EN 16486 2014-07	Machines for compacting waste materials or recyclable fractions – Compactors – Safety requirements	K
	EN 16500 2014-08	Machines for compacting waste materials or recyclable fractions – Vertical baling presses – Safety requirements	K
	EN ISO 18217 2015-09	Safety of woodworking machines – Edge-banding machines fed by chain(s) (ISO 18217:2015)	K
	EN 62841-1:2015-08+AC	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety	N
	EN 62841-2-1:2018-01	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-1: Particular requirements for hand-held drills and impact drills	N
	EN 62841-2-2:2014-08+AC	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-2: Particular requirements for hand-held screwdrivers and impact wrenches	N
EN 62841-2-4:2014-08+AC	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type	N	

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Product and site safety of machines	EN 62841-2-5:2014-08	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-5: Particular requirements for hand-held circular saws	N
	EN 62841-2-8:2016-10	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-8: Particular requirements for hand-held shears and nibblers	N
	EN 62841-2-9:2015-04+AC	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-9: Particular requirements for hand-held tappers and threaders	N
	EN 62841-2-10:2017-06	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-10: Particular requirements for hand-held mixers	N
	EN 62841-2-11:2016-04	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-11: Particular requirements for hand-held reciprocating saws	N
	EN 62841-2-14:2015:10	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-14: Particular requirements for hand-held planers	N
	EN 62841-2-17:2017-12	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-17: Particular requirements for hand-held routers	N
	EN 62841-3-1:2014-08+AC+A11	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-1: Particular requirements for transportable table saws	N
	EN 62841-3-4:2016-06+AC+A11	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-4: Particular requirements for transportable bench grinders	N

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Product and site safety of machines	EN 62841-3-6:2014-08+AC+A11	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-6: Particular requirements for diamond drills with liquid system	N
	EN 62841-3-9:2015-12+AC+A11	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-9: Particular requirements for transportable mitre saws	N
	EN 62841-3-10:2015:12+AC+A11	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-10: Particular requirements for transportable cut-off machines	N
	EN 62841-3-13:2017-06	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-13: Particular requirements for transportable drills	N
	EN 62841-3-14:2017-12	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-17: Particular requirements for transportable drain cleaners	N
	IEC 61029-2-1:1993 EN 61029-2-1:2012 DIN EN 61029-2-1:2013 VDE 0740-501: 2013	Safety of transportable motor-operated electric tools. Part 2-1: Particular requirements for circular saw benches	N
	IEC 61029-2-3:1993 EN 61029-2-3: 2011 DIN EN 61029-2-3:2012 VDE 0740-503:2012	Safety of transportable motor-operated electric tools-Part 2-3: Particular requirements for planers and thicknesses	N
	IEC 61029-2-4:1993 EN 61029-2-4:2011 DIN EN 61029-2-4:2011 VDE 0740-504:2011	Safety of transportable motor-operated electric tools - Part 2-4: Particular requirements for bench grinders	N
	IEC 61029-2-5:1993 EN 61029-2-5:2011 DIN EN 61029-2-5:2015 VDE 0740-505:2012	Safety of transportable motor-operated electric tools - Part 2-5: Particular requirements for band saws	N
	IEC 61029-2-6:1993 EN 61029-2-6: 2010 DIN EN 61029-2-6:2011	Safety of transportable motor-operated electric tools Part 2-6: Particular requirements for diamond drills with water supply	N

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Product and site safety of machines	IEC 61029-2-7:1993	Safety of transportable motor-operated electric tools - Part 2: Particular requirements for diamond saws with water supply	N
	IEC 61029-2-8 :1995 EN 61029-2-8:2010 DIN EN 61029-2-8:2011 VDE 0740-508:2011	Safety of transportable motor-operated electric tools - Part 2-8: Particular requirements for single spindle vertical moulders	N
	IEC 61029-2-9 :1995 EN 61029-2-9:2012 DIN EN 61029-2-9:2014 VDE 0740-509:2014	Safety of transportable motor-operated electric tools-Part 2-9: Particular requirements for mitre saws	N
	IEC 61029-2-10:1998 EN 61029-2-10:2010 DIN EN 61029-2-10:2014 VDE 0740-510:2014	Safety of transportable motor-operated electric tools-Part 2-10: Particular requirements for cutting-off grinders	N
	IEC 61029-2-11:2001 EN 61029-2-11:2012 DIN EN 61029-2-11:2014 VDE 0740-511:2014	Safety of transportable motor-operated electric tools-Part 2-11: Particular requirements for combined mitre and bench saws	N
	IEC 61029-2-12:2010 DIN EN 61029-2-12:2011 EN 61029-2-12:2011	Safety of transportable motor-operated electric tools - Part 2-12: Particular requirements for threading machines	N
	EN 50580-2-7: 2012 + A1:2013 DIN EN 50580-2-7: 2014 VDE 0740-407	Safety of hand-held electric motor operated tools- Part 2-7: Particular requirements for spray guns; and battery packs	N
	IEC 60745-1:2006 EN 60745-1:2009 DIN EN 60745-1:2010 VDE 0740-1:2010	Hand-held motor-operated electric tools-Safety - Part 1: General requirements	N
	IEC 60745-2-1:2006 EN 60745-2-1:2010 DIN EN 60745-2-1:2011 VDE 0740-2-1:2011	Hand-held motor-operated electric tools-Safety - Part 2-1: Particular requirements for drills and impact drills	N
	IEC 60745-2-2:2006 EN 60745-2-2:2010 DIN EN 60745-2-2:2011 VDE 0740-2-2:2011	Hand-held motor-operated electric tools -Safety - Part 2-2: Particular requirements for screwdrivers and impact wrenches	N
	IEC 60745-2-3:2006 EN 60745-2-3:2011 DIN EN 60745-2-3:2014 VDE 0740-2-3:2014	Hand-held motor-operated electric tools - Safety - Part 2-3: Particular requirements for grinders, polishers and disk-type sanders	N

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Product and site safety of machines	IEC 60745-2-4:2006 EN 60745-2-4:2009 DIN EN 60745-2-4: 2012 VDE 0740-2-4:2012	Hand-held motor-operated electric tools - Safety-Part 2-4: Particular requirements for sanders and polishers other than disk type	N
	IEC 60745-2-5:2010 EN 60745-2-5:2010 DIN EN 60745-2-5:2011 VDE 0740-2-5:2011	Hand-held motor-operated electric tools - Safety - Part 2-5: Particular requirements for circular saws	N
	IEC 60745-2-6:2005 EN 60745-2-6:2010 DIN EN 60745-2-6:2011 VDE 0740-2-6:2011	Hand-held motor-operated electric tools - Safety-Part 2-6: Particular requirements for hammers	N
	IEC 60745-2-8:2003 EN 60745-2-8:2009 DIN EN 60745-2-8:2010 VDE 0740-2-8:2010	Hand-held motor-operated electric tools - Safety -Part 2-8: Particular requirements for shears and nibblers	N
	IEC 60745-2-9:2003 EN 60745-2-9:2009 DIN EN 60745-2-9:2010 VDE 0740-2-9:2010	Hand-held motor-operated electric tools - Safety - Part 2-9: Particular requirements for tappers	N
	IEC 60745-2-11:2006 EN 60745-2-11:2010 DIN EN 60745-2-11:2011 VDE 0740-2-11:2011	Hand-held motor-operated electric tools -Safety-Part 2-11: Particular requirements for reciprocating saws (jig and sabre saws)	N
	IEC 60745-2-12:2006 EN 60745-2-12:2009 DIN EN 60745-2-12:2009 VDE 0740-2-12:2009	Hand-held motor-operated electric tools - Safety Part 2-12: Particular requirements for concrete vibrators.	N
	IEC 60745-2-13:2006 EN 60745-2-13:2009 DIN EN 60745-2-13:2011 VDE 0740-2-13:2011	Hand-held motor-operated electric tools - Safety - Part 2-13: Particular requirements for chain saws	N
	IEC 60745-2-14:2003 EN 60745-2-14:2009 DIN EN 60745-2-14:2011 VDE 0740-2-14:2011	Hand-held motor-operated electric tools - Safety - Part 2-14: Particular requirements for planers	N
	IEC 60745-2-15:2006 EN 60745-2-15:2009 DIN EN 60745-2-15:2010 VDE 0740-2-15:2010	Hand-held motor-operated electric tools - Safety - Part 2-15: Particular requirements for hedge trimmers	N
	IEC 60745-2-16:2008 EN 60745-2-16:2010 DIN EN 60745-2-16:2011 VDE 0740-2-16:2011	Hand-held motor-operated electric tools – Safety - Part 2-16: Particular requirements for tackers	N

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Product and site safety of machines	IEC 60745-2-17:2010 EN 60745-2-17:2010 DIN EN 60745-2-17:2011 VDE 0740-2-17:2011	Hand-held motor-operated electric tools -Safety - Part 2-17: Particular requirements for routers and trimmers	N
	IEC 60745-2-18:2003 EN 60745-2-18:2009 DIN EN 60745-2-18:2010 VDE 0740-2-18:2010	Hand-held motor-operated electric tools - Safety -Part 2-18: Particular requirements of strapping tools	N
	IEC 60745-2-19:2005 EN 60745-2-19:2009 DIN EN 60745-2-19:2011 VDE 0740-2-19:2011	Hand-held motor-operated electric tools-Safety - Part 2-19: Particular requirements for jointers	N
	IEC 60745-2-20:2003 EN 60745-2-20:2009 DIN EN 60745-2-20:2010 VDE 0740-2-20:2010	Hand-held motor-operated electric tools-Safety-Part 2-20: Particular requirements for band saws	N
	IEC 60745-2-21:2002 EN 60745-2-21:2009 DIN EN 60745-2-21:2011 VDE 0740-2-21:2011	Hand-held motor-operated electric tools-Safety-Part 2-21: Particular requirements for drain cleaners.	N
	DIN EN 60745-2-22:2013 EN 60745-2-23:2011 IEC 60745-2-22:2011	Hand-held motor-operated electric tools - Safety - Part 2-22: Particular requirements for cut-off machines (IEC 60745-2-22:2011, modifiziert); Deutsche Fassung EN 60745-2-22:2011	N
	DIN EN 60745-2-23:2013 EN 60745-2-23:2013 IEC 60745-2-23:2012	Hand-held motor-operated electric tools - Safety - Part 2-23: Particular requirements for die grinders and small rotary tools (IEC 116/63/CD:2011)	N
	EN 50338:2000 DIN EN 50338:2007 VDE 0700-771:2007	Safety of household and similar electrical appliances- Particular requirements for pedestrian-controlled battery powered electrical lawn mowers	N
	EN 836:1997 DIN EN 836:2012	Garden equipment - Powered lawnmowers - Safety	N
	ISO 11806:2011 EN 11806:2011 DIN EN ISO 11806:2012	Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 1: Machines with integral combustion engine	N
EN 13683: 2013 DIN EN 13683:2013	Garden equipment - Integrally powered shredders/chippers - Safety	N	

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Product and site safety of machines	EN 13684: 2009 DIN EN 13684:2010	Garden equipment - Pedestrian controlled lawn aerators and scarifiers - Safety	N
	IEC 61851-1: 2010:2010 DIN EN 61851:2012 VDE 0122-1:2013	Electrical equipment of electric road vehicles - Electric vehicles conductive charging system - Part 2-1: Electric vehicle requirements for conductive connection to an a.c./d.c. supply	K
	EN 1870-3/-4/-5/-6/-7/ -8/-9/-10/-11/-12/-13/ -14/-15/-16/-17/-18/-19: 2013 DIN EN 1870-3/-4/-5/-6/ -7/-8/-9/-10/-11/-12/ -13/-14/-15/-16/-17/ 18/-19:2014	Safety of woodworking machines - Circular sawing machines	K
	EN ISO 19085-1/-2/-3/-4/-5/- 6/-7/-8/-9/-10/-11/-12/-13/- 15/-16:2017		
	EN 859:2004 DIN EN 859:2012	Safety of woodworking machines - Hand fed surface planing machines	K
	EN 860:2012 DIN EN 860:2012	Safety of woodworking machines - One side thickness planing machines	K
	EN 861:2012 DIN EN 861:2012	Safety of woodworking machines - Surface planing and thicknessing machines	K
	EN 940:2012 DIN EN 940:2012	Safety of woodworking machines - Combined woodworking machines	K
	EN 848-1/-2/-3:2012 DIN EN 848-1/-2/-3:2013	Safety of woodworking machines - One side moulding machines with rotating tool	K
	EN 1218-1/-2/-3/-4/-5: 2009 DIN EN 1218-1/-2/-3/-4/ -5:2010	Safety of wood working machines - Tenoning machines	K
	EN 12750:2013 DIN EN 12750:2013	Safety of woodworking machines - Four-sided moulding machines	K
	EN 12622:2013 DIN EN 12622:2014	Safety of machine tools - Hydraulic press brakes	K
	EN 692:2009 DIN EN 692:2009	Machine tools - Mechanical presses - Safety	K
	EN ISO 16092-1:2018-12 prEN ISO 16092-2:2018-08		

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Product and site safety of machines	EN 693:2011 DIN EN 693:2011	Machine tools - Safety - Hydraulic presses	K
	EN ISO 16092-1:2018-12 EN ISO 16092-3:2018-02		
	EN 201:2009 DIN EN 201:2010	Plastics and rubber machines - Injection moulding machines - Safety requirements	K
	EN 422: 2009 DIN EN 422:2009	Plastics and rubber machines - Blow moulding machines - Safety requirements	K
	EN 289:2008 DIN EN 289:2009	Plastics and rubber machines - Presses - Safety requirements	K
	DIN EN ISO 11553-1/-2/-3:2009	Safety of machinery - Laser processing machines	K
	EN 1010:2010 DIN EN 1010:2011	Safety of machinery - Safety requirements for the design and construction of printing and paper converting machines	K
	IEC 60519-1/-2/-3/-4/-5/-6/-7/-8/-9/-10/-11/-12/-21:2013 EN 60519-1/-2/-3/-4/-5/-6/-7/-8/-9/-10/-11/-12/-21:2013 DIN EN 60519-1/-2/-3/-4/-5/-6/-7/-8/-9/-10/-11/-12/-21:2014	Safety in electroheat installations	K
	EN 415-1/-2/-3/-4/-5/-6/-7/-8/-9/-10:2014 DIN EN 415-1/-2/-3/-4/-5/-6/-7/-8/-9/-10:2014	Packaging machines safety	K
	EN 792-13:2008 DIN EN 792-13:2009	Hand-held non-electric power tools – Safety requirements	N
	DIN EN ISO 4413:2011	Hydraulic fluid power - General rules and safety requirements for systems and their components	K
	DIN EN ISO 4414:2011	Pneumatic fluid power - General rules and safety requirements for systems and their components (ISO 4414:2010)	K
	DIN EN ISO 10218-1:2012	Robots and robotic devices - Safety requirements for industrial robots - Part 1: Robots (ISO 10218-1:2011); German version EN ISO 10218-1:2011	K

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Product and site safety of machines	EN 1012-1/-2:2010	Compressors and vacuum pumps - Safety requirements	K, N
	EN 12151:2007	Machinery and plants for the preparation of concrete and mortar - Safety requirements	K
	EN 12417:2009	Machine tools - Safety - Machining centres	K
	EN 12418:2009	Masonry and stone cutting-off machines for job site – Safety	K
	EN 12717:2009	Safety of machine tools - Drilling machines	K, N
	EN 13218:2010	Machine tools - Safety - Stationary grinding machines	K, N
	EN ISO 23125:2010	Machine tools - Safety - Turning machines	K
	EN 13898:2010	Machine tools - Safety - Sawing machines for cold metal	K
	EN 13985:2009	Machine tools - Safety - Guillotine shears	K
	EN 1493:2010	Vehicle lifts	K
	EN ISO 4254-1:2013	Agricultural machinery – Safety	N
	EN 1570-1:2011	Safety requirements for lifting tables	K
	DIN EN 1807-1/-2:2013	Safety of woodworking machines - Band sawing machines	K
	EN ISO 13857:2008	Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs	K
	EN 500-1:2009	Mobile road construction machinery - Safety	K
	EN 609-1:2009	Agricultural and forestry machinery - Safety of log splitters	K, N
	EN 709+A4/AC:2012	Agricultural and forestry machinery - Pedestrian controlled tractors with mounted rotary cultivators, motor hoes, motor hoes with drive wheel(s) - Safety	K, N
	EN ISO 4254-1:2013	Agricultural machinery - Safety	K
	EN 786:2009	Garden equipment - Electrically powered walk-behind and hand-held lawn trimmers and lawn edge trimmers - Mechanical safety	N
	EN 809+A1/AC:2010	Pumps and pump units for liquids - Common safety requirements	K
EN 869+A1:2009	Safety of machinery - Safety requirements for pressure metal die casting units	K	

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Product and site safety of machines	EN 15503:2013	Garden equipment - Garden blowers, vacuums and blowers/vacuums - Safety	K, N
	EN ISO 10472-1:2008	Safety requirements for industrial laundry machinery	K
	EN ISO 10517:2009	Powered hand-held hedge trimmers - Safety (ISO 10517:2009); German version EN ISO 10517:2009	N
	EN ISO 11111-1:2009	Textile machinery - Safety requirements	K
	EN ISO 11680:2011	Machinery for forestry - Safety requirements and testing for pole-mounted powered pruners	N
	EN ISO 19432:2012	Building construction machinery and equipment - Portable, hand-held, internal combustion engine driven cut-off machines - Safety requirements	N
	ISO 11789:1999	Powered edgers with rigid cutting means	K, N
	ISO 8437:1989	Snowthrowers - Safety requirements and test procedures	K, N

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5 Building acoustics*

Technical field	Standard/in-house method/version	Title of standard or in-house method	Location
Construction products / civil engineering / fire protection	ISO 354:2003 EN ISO 354:2003 DIN EN ISO 354:2003	Acoustics - Measurement of sound absorption in a reverberation room	N
	ISO 3822-1:1999+A1:2008 EN ISO 3822-1:1999 +A1:2008 DIN EN ISO 3822-1:2009	Acoustics - Laboratory tests on noise emission from appliances and equipment used in water supply installations - Part 1: Method of measurement	N
	ISO 3822-2:1995 EN ISO 3822-2:1995 DIN EN ISO 3822-2:1995	Acoustics - Laboratory tests on noise emission from appliances and equipment used in water supply installations - Part 2: Mounting and operating conditions for draw-off taps and mixing valves	N
	ISO 3822-3:1997+A1:2009 EN ISO 3822-3:1997 +A1:2009 DIN EN ISO 3822-3:2010	Acoustics - Laboratory tests on noise emission from appliances and equipment used in water supply installations - Part 3: Mounting and operating conditions for in-line valves and appliances	N
	ISO 3822-4:1997 EN ISO 3822-4:1997 DIN EN ISO 3822-4:1997	Acoustics - Laboratory tests on noise emission from appliances and equipment used in water supply installations - Part 4: Mounting and operating conditions for special appliances	N
	ISO 10534-2:1998 EN ISO 10534-2:2001 DIN EN ISO 10534-2:2007	Acoustics - Determination of sound absorption coefficient and impedance in impedance tubes - Part 2: Transfer-function method	N
	ISO 11654:1997 EN ISO 11654:1997 DIN EN ISO 11654:1997	Acoustics - Sound absorbers for use in buildings - Rating of sound absorption	N
	ISO 140-14:2004 EN ISO 140-14:2004 DIN EN ISO 140-14:2004+B1:2009	Acoustics - Measurement of sound insulation in buildings and of building elements - Part 14: Guidelines for special situations in the field	N

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Technical field	Standard/in-house method/version	Title of standard or in-house method	Location
Construction products / civil engineering / fire protection	ISO 3382-1:2009 EN ISO 3382-1:2009 DIN EN ISO 3382-1:2009	Acoustics - Measurement of room acoustic parameters - Part 1: Performance spaces	N
	ISO 3382-2:2008 EN ISO 3382-2:2008 DIN EN ISO 3382-2:2008	Acoustics - Measurement of room acoustic parameters - Part 2: Reverberation time in ordinary rooms	N
	ISO 10052:2004 +Amd.1:2010 EN 10052:2004+A1:2010 DIN EN ISO 10052:2010	Acoustics - Field measurements of airborne and impact sound insulation and of service equipment sound - Survey method	N
	EN 20140-2:1993 DIN EN 20140-2:1993	Acoustics - Measurements of sound insulation in buildings and of building elements - Part 2: Determination, verification and application of precision data	N
	DIN 4109:1989+B1:1992 +A1:2001	Sound insulation in buildings; requirements and testing	N
	DIN 4109 supplementary sheet 1:1989 +A1:2003+A2:2010	Sound insulation in buildings; construction examples and calculation methods	N
	DIN 4109 supplementary sheet 2:1989	Sound insulation in buildings; guidelines for planning and execution; proposals for increased sound insulation; recommendations for sound insulation in personal living and working areas	N
	DIN 4109 supplementary sheet 3:1996	Sound insulation in buildings - Calculation of R' _w ,R for assessing suitability as defined in DIN 4109 on the basis of the sound reduction index R _w determined in laboratory tests	N
	DIN 4109-4 2016-7	Sound insulation in buildings – Part 4: Testing of acoustics in buildings	N
	DIN EN ISO 12999-1 2014-05	Acoustics – Determination and application of measurement uncertainties in building acoustics – Part 1: Sound insulation (ISO 12999-1:2014); German version EN ISO 12999-1:2014	N
DB RL 804.5501:2007	Railway noise barriers - Clause 4 "Acoustic requirements"	N	

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Construction products / civil engineering / fire protection	ZTV-Lsw 06:2006	Additional Technical Contract Conditions and directives for production of road noise barriers - Clause 2.1 "Sound insulation" and Clause 2.2 "Sound absorption"	N
	EN ISO 16283-1:2014 DIN EN ISO 16283-1:2014	Acoustics - Field measurement of sound insulation in buildings and of building elements - Part 1: Airborne sound insulation	N
	DIN EN ISO 16283-2 2016-05	Acoustics - Field measurement of sound insulation in buildings and of building elements - Part 2: Airborne sound insulation	N
	DIN EN ISO 16283-3 2016-09	Acoustics - Field measurement of sound insulation in buildings and of building elements - Part 3: Airborne sound insulation	N

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6 Testing of construction products and building materials*

Technical field	Standard/in-house method/version	Title of standard or in-house method	Location
Construction products / civil engineering / fire protection	DIN EN ISO 10582 2018-12	Resilient floor coverings – Heterogeneous poly(vinyl chloride) floor covering – Specifications Annex B: Determination of flatness Annex C: Determination of openings and height differences between floor slabs Annex D: Determination of locking strength with a tensile testing machine	DD
	DIN EN 14085:2011	Resilient floor coverings – Specification for floor panels for loose laying Annex A: Determination of flatness Annex B: Determination of joint openings and height differences between floor panels Annex C: Determination of dimensional variations caused by changes in relative humidity	DD
	DIN EN ISO 20326 2018-12	Resilient floor coverings – Specification for floor panels for loose laying (ISO 20326:2016) Annex A: Determination of flatness Annex B: Determination of joint openings and height differences between floor panels Annex C: Determination of dimensional variations caused by changes in relative humidity Annex D: Determination of locking strength with a tensile testing machine	DD

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Technical field	Standard/in-house method/version	Title of standard or in-house method	Location
Construction products / civil engineering / fire protection	DIN EN 14565:2004-09	Resilient floor coverings – Floor coverings based upon synthetic thermoplastic polymers – Specification 4.2 Calculation of decompression after indentation Annex A: Method for testing scratch resistance Annex B: Method for testing resistance to soiling and ease of cleaning Annex C: Method for testing dimensional change Annex E: Additional test methods	DD
	DIN EN 13553 2017-10	Resilient floor coverings – Polyvinyl chloride floor coverings for use in special wet areas – Specification Annex A: Test of watertightness Annex D: Determination of elongation at break (optional property)	DD
	DIN EN 424 2002-04	Resilient floor coverings – Determination of the effect of the simulated movement of a furniture leg	DD
	DIN EN 425 2002-08	Resilient and laminate floor coverings – Castor chair test	DD
	DIN EN 660-2 1999-06	Resilient floor coverings – Determination of wear resistance – Part 2: Frick-Taber test	DD
	DIN EN 660-2/A1 2003-06	Resilient floor coverings – Determination of wear resistance – Part 2: Frick-Taber test; Amendment A1	DD
	DIN EN 1399 1998-02	Resilient floor coverings - Determination of resistance to stubbed and burning cigarettes	DD
	DIN EN ISO 23996 2012-04	Resilient floor coverings - Determination of density	DD
	DIN EN ISO 23997 2012-04	Resilient floor coverings - Determination of mass per unit area	DD
	DIN EN ISO 23999 2012-12	Resilient floor coverings - Determination of dimensional stability and curling after exposure to heat	DD
DIN EN ISO 24340 2012-04	Resilient floor coverings - Determination of thickness of layers	DD	

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Construction products / civil engineering / fire protection	DIN EN ISO 24341 2012-04	Resilient and textile floor coverings – Determination of length, width and straightness of sheet	DD
	DIN EN ISO 24342 2013-04	Resilient and textile floor-coverings - Determination of side length, edge straightness and squareness of tiles	DD
	DIN EN ISO 24343-1 2012-04	Resilient and laminate floor coverings - Determination of indentation and residual indentation - Part 1: Residual indentation	DD
	DIN EN ISO 24344 2012-04	Resilient floor coverings - Determination of flexibility and deflection	DD
	DIN EN ISO 24346 2012-04	Resilient floor coverings - Determination of overall thickness	DD
	DIN EN 13329 2016-08	Laminate floor coverings – Elements with a surface layer based on aminoplastic thermosetting resins – Specifications, requirements and test methods	DD
	DIN EN 15468 2016-08	Laminate floor coverings – Elements with directly applied printing and resin surface layer – Specifications, requirements and test methods	DD
	DIN EN 13893 2003-02	Resilient, laminate and textile floor coverings – Measurement of dynamic coefficient of friction on dry floor surfaces	DD
	DIN 51130 2014-02	Testing of floor coverings – Determination of the anti-slip property – Workrooms and fields of activities with slip danger – Walking method – Ramp test	DD
	DIN EN 438-7 2005-04	High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (usually called laminates) - Part 7: Compact laminate and HPL composite panels for internal and external wall and ceiling finishes	N
DIN EN 14915 2017-08	Solid wood panelling and cladding – Characteristics, requirements and marking	N	

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Technical field	Standard/in-house method/version	Title of standard or in-house method	Location
Construction products / civil engineering / fire protection	DIN EN 16776 2016-09	Resilient floor coverings – Homogeneous and heterogeneous polyurethane floor coverings – Specification Annex A: Method for testing scratch resistance	DD
	ISO 16581 2014-12	Resilient and laminate floor coverings – Determination of the effect of the simulated movement of a furniture leg	DD
	ISO/FDIS 4918 2016-03	Resilient, textile and laminate floor coverings – Castor chair test	DD
	DIN EN 1081 1998-04	Resilient floor coverings - Determination of the electrical resistance	DD
	DIN EN 684 1996-07	Resilient floor coverings - Determination of seam strength	DD
	DIN EN ISO 24345 2012-04	Resilient floor coverings - Determination of peel resistance	DD
	DIN EN ISO 26987 2012-04	Resilient floor coverings - Determination of peel resistance	DD
	ISO 24334 2014-12	Laminate floor coverings – Determination of locking strength for mechanically assembled panels	DD
	ISO 24338 2014-12	Laminate floor coverings – Determination of abrasion resistance	DD
	DIN EN ISO 105-B02 2014-11	Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test	N
	DIN EN ISO 24345 2012-04	Resilient floor coverings - Determination of peel resistance	DD
	DIN EN ISO 23996 2012-04	Resilient floor coverings - Determination of density	DD
	DIN EN 13442 2013-05	Wood flooring and wood panelling and cladding – Determination of the resistance to chemical agents	DD
	ISO 24336 2005-03	Laminate floor coverings – Determination of thickness swelling after partial immersion in water	DD

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Construction products / civil engineering / fire protection	DIN EN 13329 2016-08	Laminate floor coverings – Elements with a surface layer based on aminoplastic thermosetting resins – Specifications, requirements and test methods Annex A: Determination of thickness, length, width, perpendicularity, edge straightness and flatness Annex B: Determination of joint openings and height differences between joined elements Annex C: Determination of dimensional changes associated with changes in relative humidity Annex D: Determination of soundness Annex E: Determination of resistance to abrasion and abrasion classification Annex F: Calibration and maintenance of abrasion device Annex G: Measurement of Shore hardness A Annex H: Determination of resistance to impact stress and impact stress classification	DD
	DIN EN 15468 2016-08	Laminate floor coverings – Elements with directly applied printing and resin surface layer – Specifications, requirements and test methods Annex A: Determination of abrasion resistance	DD

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Technical field	Standard/in-house method/version	Title of standard or in-house method	Location
Construction products / civil engineering / fire protection	DIN EN 14354 2017-11	Wood-based panels – Wood veneer floor coverings Annex A: Determination of thickness, length, width, perpendicularity, deviation from edge straightness and transverse curvature Annex B: Determination of joint openings and height differences between elements Annex C: Determination of paint elasticity Annex D: Determination of resistance to wear using the falling sand method Annex E: Determination of resistance to abrasion using the abrasive paper method Annex F: Determination of adhesiveness of the paint – Cross-cut test Annex G: Additional properties	DD
	DIN EN 16354 2019-01	Laminate floor coverings – Underlays – Specifications, requirements and test methods	DD, N
	ANSI/NALFA LF-01 2011	Laminate Flooring Specifications and Test Methods	DD
	DIN EN 13893 2003-02	Resilient, laminate and textile floor coverings – Measurement of dynamic coefficient of friction on dry floor surfaces	DD
	DIN 51131 2014-02	Testing of floor coverings – Determination of the anti-slip property – Method for measurement of the sliding friction coefficient	DD
	DIN 51097 1992-11	Testing of floor coverings; determination of the anti-slip properties; wet-loaded barefoot areas; walking method; ramp test	DD
	E DIN 51097 2016-04	Testing of floor coverings – Determination of the anti-slip properties – Wet-loaded barefoot areas; Walking method; Ramp test	DD

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Technical field	Standard/in-house method/version	Title of standard or in-house method	Location
Construction products / civil engineering / fire protection	DIN CEN/TS 16165 2012-07 DIN SPEC 51132 2012-07	Determination of slip resistance of pedestrian surfaces – Methods of evaluation	DD
	DIN EN 15534-1 2018-02	Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) - Part 1: Test methods for characterisation of compounds and products	N, DD
	DIN EN 1910 2016-08	Wood flooring and wood panelling and cladding – Determination of dimensional stability	DD
	DIN EN ISO 19712-2 2013-04	Plastics – Decorative solid surfacing materials – Part 2: Determination of properties – Sheet goods	DD, N, W
	DIN EN ISO 19712-3 2017-11	Plastics – Decorative solid surfacing materials – Part 3: Determination of properties – Solid surface shapes	DD, N, W
	DIN EN ISO 13894-1 2015-06	High-pressure decorative laminates – Composite elements – Part 1: Test methods	DD
	DIN EN 14323 2017-07	Wood-based panels – Melamine faced boards for interior uses – Test methods	DD, N
	DIN EN 438-2 2016-06	High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (usually called laminates) - Part 2: Determination of properties	N, DD
	DIN EN 13647 2011-08	Wood flooring and wood panelling and cladding – Determination of geometrical characteristics	DD
	DIN EN 13845 2017-11	Resilient floor coverings – Polyvinyl chloride floor coverings with particle based enhanced slip resistance – Specification Annex C: Determination of slip resistance Annex D: Determination of wear resistance	DD

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Technical field	Standard/in-house method/version	Title of standard or in-house method	Location
Construction products / civil engineering / fire protection	DIN EN 16094 2012-04	Laminate floor coverings – Test method for the determination of micro-scratch resistance	N, DD
	ISO/FDIS 20326 2016-09	Resilient floor coverings — Specification for floor panels/assembly for loose laying Annex A: Determination of flatness Annex B: Determination of openings and height differences between floor panels Annex C: Determination of dimensional variations caused by changes in humidity Annex D: Determination of locking strength with a tensile testing machine	DD

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7 Testing of construction products under Regulation (EU) No 305/2011 laying down harmonised conditions for the marketing of construction products (Construction Products Regulation)

Decision of the Commission	System ¹⁾	Technical specification	Location
1997/464/EG 2004/663/EG Products for waste water engineering within buildings	3	EN 12050-1:2001 Wastewater lifting plants for buildings and sites – Principles of construction and testing – Part 1: Lifting plants for wastewater containing faecal matter	W
		EN 12050-2:2000 Wastewater lifting plants for buildings and sites – Principles of construction and testing – Part 2: Lifting plants for faecal-free wastewater	W
		EN 12050-3:2000 Wastewater lifting plants for buildings and sites – Principles of construction and testing – Part 3: Lifting plants for limited applications	W
		EN 12050-4:2000 Wastewater lifting plants for buildings and sites – Principles of construction and testing – Part 4: Non-return valves for faecal-free wastewater and wastewater containing faecal matter	W
1997/808/EG Floor coverings	3	EN 14041:2004+AC:2006 Resilient, textile and laminate floor coverings – Essential characteristics	DD, N
		EN 14342:2013 Wood flooring – Characteristics, evaluation of conformity and marking	N
1998/437/EG Internal and external wall and ceiling finishes	3	EN 14915:2013 Solid wood wall and ceiling coverings for indoor and outdoor use – Characteristics, evaluation of conformity and marking	N

¹⁾ System for assessment and verification of constancy of performance

The requirements for a testing laboratory in accordance with Article 43 of the Construction Products Regulation are met. Test methods that are required for determination of the product type and cannot be performed by the certificate holder are set out in the list of subcontractors.

The testing laboratory is permitted to apply various revisions of the harmonised technical specifications without the prior approval of Deutsche Akkreditierungsstelle GmbH.

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