

Date

Reference

2021-04-28

2021/640

Scope of accreditation

Testing laboratory according to SS-EN ISO/IEC 17025:2018

RISE Research Institutes of Sweden AB

Borås

Accreditation number

1002

Bygg och fastighet

A002626-060

Climate and environmental durability

<i>Technical area</i>	<i>Parameter</i>	<i>Method</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
	Air permeability	SS-EN 13829	Buildings	Yes	2	Yes	
	Dimension	SS-EN 15101-1	Building materials	Yes	2	No	Annex B1, B2
	Dimensional stability	Inhouse method; SP-metod 0245:2017	Construction products	No		No	
		SS-EN 1121	Construction products	Yes	2	No	
		SS-EN 1604	Construction products	Yes	2	No	
	Effectiveness against micro-fungi	SS-ENV 807	Wood protection	Yes	2	No	
	Evaporation	SS-EN 73	Wood protection	Yes	2	No	
	Heat Resistance	ISO 11561	Construction products	Yes	2	No	
		SS-EN 12664	Construction products	Yes	2	No	
		SS-EN 12667	Construction products	Yes	2	No	
		SS-EN 12939	Construction products	Yes	2	No	
	Moisture penetration	SS-EN 1279-2	Construction products	Yes	2	No	
	Protective effect	CEN/TS 12037	Wood protection	Yes	2	No	
		CEN/TS 15397	Wood protection	Yes	2	No	
		SS-EN 113	Wood protection	Yes	2	No	
		SS-EN 252	Wood protection	Yes	2	No	
		SS-EN 275	Wood protection	Yes	2	No	
		SS-EN 330	Wood protection	Yes	2	No	

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	Protective effect	SS-EN 84	Wood protection	Yes	2	No	
	Resistance to ageing	NT Build 371	Construction products	Yes	2	No	
	Strength testing	SS-EN 321	Wood materials	Yes	2	No	
	Thermal analysis	SS-EN 13187	Buildings	Yes	2	Yes	

Functional testing

<i>Technical area</i>	<i>Parameter</i>	<i>Method</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
	Air permeability	Intern metod; SP-metod 1630:2005	Floor material	No		Yes	
		Intern metod; SP-metod 1631:2005	Floor material	No		Yes	
		Intern metod; SP-metod 1633:2005	Floor material	No		Yes	
		NT Build 234	Construction products	Yes	2	No	
		SS-EN 1026	Construction products	Yes	2	No	
		SS-EN 12114	Construction products	Yes	2	No	
		SS-EN 12153	Construction products	Yes	2	No	
		SS-EN 12427	Construction products	Yes	2	Yes	
		SS-EN ISO 4638	Building materials	Yes	2	No	
		SS-EN ISO 9053-1	Construction products	Yes	2	No	
		SS-EN ISO 9972	Buildings	Yes	2	No	
	SS-ISO 8272	Construction products	Yes	2	No		
	Calorific value	NT VVS 077	Building materials	Yes	2	No	
		SS 923514	Building materials	Yes	2	No	
Carrying ability	NT Build 327	Building materials	Yes	2	No		
Density	Intern metod; SP-metod 0783:2015	Building materials	No		No		

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	Density	NT Build 328	Building materials	Yes	2	No	
		SS-EN 1602	Building materials	Yes	2	No	
	Dimension	SS 817342	Construction products	Yes	2	No	
		SS-EN 1116	Furniture	Yes	2	No	
		SS-EN 12085	Building materials	Yes	2	No	
		SS-EN 14064-1	Building materials	Yes	2	No	Annex K och J
		SS-EN 1501-1	Construction products	Yes	2	No	Annex B3
		SS-EN 527-1	Furniture	Yes	2	No	
		SS-EN 822	Building materials	Yes	2	No	
		SS-EN 823	Building materials	Yes	2	No	
		SS-EN 824	Building materials	Yes	2	No	
	Dimension, density, elongation, tensile strength, UV resistance	Intern metod; SP-metod 2014:1995	Construction products	No		No	
		Intern metod; SP-metod 3949:2004	Construction products	No		No	
	Flexibility and stiffness	SS-EN 13964	Construction products	Yes	2	No	
	Function	SS-EN 12046-1	Construction products	Yes	2	No	
		SS-EN 12046-2	Construction products	Yes	2	No	
	Heat Resistance	ISO 8301	Building materials	Yes	2	No	
		ISO 8302	Building materials	Yes	2	No	
		ISO 8497	Building materials	Yes	2	No	
		ISO 8990	Building materials	Yes	2	No	
Heat transfer	SS-EN 675	Construction products	Yes	2	No		
	SS-EN ISO 12567-1	Construction products	Yes	2	No		
	SS-EN ISO 12567-2	Construction products	Yes	2	No		
Heat transfer coefficient	SS-EN 12412-2	Construction products	Yes	2	No		
Indentation	SS-EN 1534	Wood materials	Yes	2	No		

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	Mechanical strength	SS-EN 16122	Furniture	Yes	2	No	
		SS-EN 1729-1	Furniture	Yes	2	No	
	Moisture content	Inhouse method; SP-metod 3630:2015	Solid materials	No		Yes	
		Intern metod; SP-metod 1632:2005	Floor material	No		Yes	
		Intern metod; SP-metod 3631:2015	Wood materials	No		Yes	
	Moisture content, water vapor	SS-EN 12086	Building materials	Yes	2	No	
		SS-EN ISO 12572	Solid materials	Yes	2	No	
	Moisture penetration	SS-EN 1279-6	Construction products	Yes	2	No	Annex B
	Permeability	SS 021550	Building materials	Yes	2	No	
	Planarity	SS 817341	Construction products	Yes	2	No	
		SS-EN 825	Building materials	Yes	2	No	
	Radon	Inhouse method; SP-metod 3873:2015	Buildings	No		No	
	Resistance to wind load	SS-EN 12101-2	Construction products	Yes	2	No	
		SS-EN 12179	Construction products	Yes	2	No	
		SS-EN 12211	Construction products	Yes	2	No	
		SS-EN 12444	Construction products	Yes	2	Yes	
	Safety	BS 5456-2	Furniture	Yes	2	Yes	
		SS-EN 14434	Furniture	Yes	2	No	
		SS-EN 16121	Furniture	Yes	2	No	
		SS-EN 527-2	Furniture	Yes	2	No	
Shearing strength	SS-EN 15416-2	Building materials	Yes	2	No		
	Träteknik rapport P - 9208051:1992	Building materials	No		No	Del 10.3.3	
Strength testing	SS-EN 1195	Wood materials	Yes	2	No		

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	Strength testing	SS-EN 408	Wood materials	Yes	2	No	
	Surface humidity	SS-EN ISO 846	Construction products	Yes	2	No	Metod A, B - Mikroorganismers inverkan
	Temperature	Intern metod; SP-metod 0258:2016	Construction products	No		No	
	Testing methods	Intern metod; SP-metod 1634:2005	Floor material	No		No	
	Thickness, density	Intern metod; SP-metod 0784:2005	Building materials	No		No	
		NT Build 329	Building materials	Yes	2	No	
	Water absorption	SS-EN 12087	Building materials	Yes	2	No	
		SS-EN 12088	Building materials	Yes	2	No	
		SS-EN 1609	Building materials	Yes	2	No	
	Water resistance	SS-EN ISO 12571	Building materials	Yes	2	No	
	Water tightness	ETAG 022	Building materials	Yes	2	No	Annex E
		Intern metod; SP-metod 0257:2016	Construction products	No		No	
		SS-EN 1027	Construction products	Yes	2	No	
		SS-EN 12155	Construction products	Yes	2	No	
		SS-EN 12489	Construction products	Yes	2	Yes	
SS-EN 12865		Construction products	Yes	2	No		
SS-EN 14963		Construction products	Yes	2	No		
Calculation	Temperature	SS-EN 12428	Construction products	Yes	2	No	
		SS-EN 673	Construction products	Yes	2	No	
		SS-EN ISO 10077-1	Construction products	Yes	2	No	
		SS-EN ISO 10077-2	Construction products	Yes	2	No	
Child safety	Mechanical strength	SS-EN 1130	Furniture	Yes	2	No	

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Child safety	Mechanical strength	SS-EN 12221-2	Furniture	Yes	2	No	
		SS-EN 14988	Furniture	Yes	2	No	
		SS-EN 716-2	Furniture	Yes	2	No	
	Safety	SS-EN 1273	Furniture	Yes	2	No	
		SS-EN 1930	Furniture	Yes	2	No	
Dimension	Dimension	SS-EN 1023-1	Furniture	Yes	2	No	
Fatigue testing	Grease resistance	SS 839122	Furniture	Yes	2	No	
	Heat Resistance	SS-EN 12721	Furniture	Yes	2	No	
		SS-EN 12722	Furniture	Yes	2	No	
	Impact strength	ISO 4211-4	Furniture	Yes	2	No	
		SS 839123	Furniture	Yes	2	No	
	Scratch resistance	SIS 839117	Furniture	Yes	2	No	
	Water resistance	SS 839120	Furniture	Yes	2	No	
SS-EN 12720		Furniture	Yes	2	No		
Temperature/Humidity	Effectiveness against micro-fungi	Intern metod; SP-metod 2899:2010	Building materials	No		No	
	Microbiological analysis	Inhouse method; SP-metod 3881:2017	Building materials	No		No	

Physical properties

<i>Technical area</i>	<i>Parameter</i>	<i>Method</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
	Density	SS-EN 323	Wood materials	Yes	2	No	
	Dimension	SS-EN 318	Wood materials	Yes	2	No	
		SS-EN 324-1	Wood materials	Yes	2	No	
		SS-EN 324-2	Wood materials	Yes	2	No	
		SS-EN 325	Wood materials	Yes	2	No	

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	Flexural creep stiffness	prEN 15416-1	Building materials	Yes	2	No		
	Moisture content	SS-EN 13183-1	Wood materials	Yes	2	No		
		SS-EN 322	Wood materials	Yes	2	No		
	Planarity	EN 825	Wood materials	Yes	2	No		
		EN 952	Construction products	Yes	2	No		
Noise/Vibration	Building acoustics	ISO 10052	Buildings	Yes	2	Yes		
		NT ACOU 084	Construction products	Yes	2	No		
		NT ACOU 086	Construction products	Yes	2	No		
		NT ACOU 093	Construction products	Yes	2	No		
		SS 025267	Buildings	Yes	2	Yes		
		SS 025268	Buildings	Yes	2	Yes		
		SS-EN ISO 10140-1	Construction products	Yes	2	No		
		SS-EN ISO 10140-2	Construction products	Yes	2	No		
		SS-EN ISO 10140-3	Construction products	Yes	2	No		
		SS-EN ISO 10140-4	Construction products	Yes	2	No		
		SS-EN ISO 10140-5	Construction products	Yes	2	No		
		SS-EN ISO 11546-1	Construction products	Yes	2	No		
		SS-EN ISO 11546-2	Construction products	Yes	2	Yes		
		SS-EN ISO 3382-2	Buildings	Yes	2	Yes		
	Noise	SS-EN ISO 9612	Noise	Yes	2	Yes		
	Sound absorption		ASTM C 423	Construction products	Yes	2	No	
			NT ACOU 032	Noise	Yes	2	No	
			NT ACOU 085	Noise	Yes	2	No	
			SS 25261	Noise	Yes	2	No	
			SS 25269	Noise	Yes	2	No	
SS-EN 1793-1			Noise	Yes	2	No		

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Noise/Vibration	Sound absorption	SS-EN ISO 10534-1	Noise	Yes	2	No	
		SS-EN ISO 10534-2	Noise	Yes	2	No	
		SS-EN ISO 11654	Noise	Yes	2	No	
		SS-EN ISO 354	Noise	Yes	2	No	
	Sound insulation	ASTM E 1111	Construction products	Yes	2	No	
		ISO 16283-2	Buildings	Yes	2	Yes	
		NT ACOU 050	Construction products	Yes	2	No	
		SIS-TR 8	Buildings	Yes	2	Yes	
		SS-EN 1793-2	Noise	Yes	2	No	
		SS-EN 1793-3	Noise	Yes	2	No	
		SS-EN ISO 11957	Construction products	Yes	2	Yes	
		SS-EN ISO 15186-1	Construction products	Yes	2	No	
		SS-EN ISO 15186-2	Construction products	Yes	2	Yes	
		SS-EN ISO 15186-3	Construction products	Yes	2	No	
		SS-EN ISO 16283-1	Buildings	Yes	2	Yes	
		SS-EN ISO 717-1	Construction products	Yes	2	No	
		SS-EN ISO 717-2	Construction products	Yes	2	No	
		SS-ISO 10053	Construction products	Yes	2	No	
		SS-ISO 10847	Noise	Yes	2	Yes	
		Sound level	ANSI S12.35	Noise	Yes	2	No
	EN 12549+A1:2008		Tools	Yes	2	No	
	IEC 60704-1		Household appliances	Yes	2	No	
	IEC 60704-2-1		Household appliances	Yes	2	No	
IEC 60704-2-3	Household appliances		Yes	2	No		
IEC 60704-3	Household appliances		Yes	2	No		
ISO 10302-1	Noise		Yes	2	No		

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Noise/Vibration	Sound level	ISO 7779	Noise	Yes	2	No	
		ISO 9614-1	Noise	Yes	2	Yes	
		ISO 9614-2	Noise	Yes	2	Yes	
		SS-EN 12549	Tools	Yes	2	No	
		SS-EN 61400-11	Windmills	Yes	2	No	
		SS-EN ISO 15744	Machines	Yes	2	No	
		SS-EN ISO 3740	Noise	Yes	2	No	
		SS-EN ISO 3741	Noise	Yes	2	No	
		SS-EN ISO 3743-1	Noise	Yes	2	Yes	
		SS-EN ISO 3744	Noise	Yes	2	No	
		SS-EN ISO 3745	Noise	Yes	2	No	
		SS-EN ISO 3746	Noise	Yes	2	Yes	
		SS-EN ISO 3747	Noise	Yes	2	Yes	
		SS-EN ISO 4871	Noise	Yes	2	No	
	SS-ISO 9296	Noise	Yes	2	No		
	Sound pressure level	70/157/EEG	Vehicle	Yes	2	Yes	Ändrat genom 73/350/EEG, 77/212/EEG, 81/334/EEG, 84/372/EEG, 84/424/EEG, 89/491/EEG, 92/97/EEG, 96/2
		78/1015/EEG	Vehicle	Yes	2	Yes	Ändrat genom 87/56/EEG
		Inhouse method; SP rapport 2015:02	Noise	Yes	2	No	
Intern metod; SP INFO 2004:45		Noise	No		No		

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Noise/Vibration	Sound pressure level	Intern metod; SP-metod 1836:2010	Noise	No		No	
		MIL-STD-1474D	Machines	Yes	2	Yes	Endast avsnitt Requirement 5
		MIL-STD-1474E	Machines	Yes	2	Yes	endast appendix E
		MIL-STD-740-1	Machines	Yes	2	Yes	
		Naturvårdsverket Rapport 5417:2005	Noise	No		Yes	
		NT ACOU 039	Traffic and vehicles	Yes	2	No	
		NT ACOU 056	Traffic and vehicles	Yes	2	No	
		NT ACOU 080	Noise	Yes	2	Yes	
		SIS-TR 15	Construction products	Yes	2	No	
		SS-EN 12549	Machines	Yes	2	No	
		SS-EN 16205	Construction products	Yes	2	No	
		SS-EN 71-1	Toys	Yes	2	No	
		SS-EN ISO 11200	Machines	Yes	2	No	
		SS-EN ISO 11201	Machines	Yes	2	No	
		SS-EN ISO 11202	Machines	Yes	2	Yes	
		SS-EN ISO 11203	Machines	Yes	2	Yes	
		SS-EN ISO 11204	Machines	Yes	2	Yes	
		SS-EN ISO 11205	Machines	Yes	2	Yes	
		SS-EN ISO 3095	Railway applications	Yes	2	Yes	
		SS-ISO 362-1	Vehicle	Yes	2	Yes	
		UNECE Regulation No. 28	Vehicle	Yes	2	Yes	
		UNECE Regulation No. 41	Vehicle	Yes	2	Yes	
		UNECE Regulation No. 63	Vehicle	Yes	2	Yes	
VVFS 2003:22	Vehicle	Yes	2	Yes			

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Noise/Vibration	Sound pressure level	VVFS 2003:23	Vehicle	Yes	2	Yes	
	Vibration	ISO 9611	Machines	Yes	2	Yes	
		MIL-STD-167-1A	Machines	Yes	2	No	endast 5.2.3.2
		MIL-STD-740-2	Machines	Yes	2	No	
		NT ACOU 082	Buildings	Yes	2	Yes	
		NT ACOU 117	Machines	Yes	2	Yes	
		SS 4604861	Whole body vibrations	Yes	2	Yes	
		SS-EN 1032	Whole body vibrations	Yes	2	Yes	
SS-ISO 2631-2	Whole body vibrations	Yes	2	Yes			

Strength testing

<i>Technical area</i>	<i>Parameter</i>	<i>Method</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
	Air permeability	SS 270235	Construction products	Yes	2	No	
	Creep test	SS-EN 1156	Wood materials	Yes	2	No	
	Dimension	SS-EN 1335-1	Furniture	Yes	2	No	
	Dimension, compression strength, colour migration, bonding, function	SS-EN 314-1	Wood materials	Yes	2	No	
	Flexibility and stiffness	SS-EN 594	Wood materials	Yes	2	No	
		SS-EN 595	Wood materials	Yes	2	No	
		SS-EN 789	Wood materials	Yes	2	No	
	Impact testing	SS-EN 596	Wood materials	Yes	2	No	
	Mechanical strength	ISO 21016	Furniture	Yes	2	No	
		ISO 7170	Furniture	Yes	2	No	
		ISO 7171	Furniture	Yes	2	No	
ISO 7172		Furniture	Yes	2	No		

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	Mechanical strength	ISO 7173	Furniture	Yes	2	No	
		SS-EN 1023-3	Furniture	Yes	2	No	
		SS-EN 14073-3	Furniture	Yes	2	No	
		SS-EN 14074	Furniture	Yes	2	No	
		SS-EN 14703	Furniture	Yes	2	No	
		SS-EN 14749	Furniture	Yes	2	No	
		SS-EN 1725	Furniture	Yes	2	No	
		SS-EN 1728	Furniture	Yes	2	No	
		SS-EN 1730	Furniture	Yes	2	No	
		SS-EN 1957	Furniture	Yes	2	No	
		SS-EN 320	Wood materials	Yes	2	No	
		SS-EN 747-2	Furniture	Yes	2	No	
	Moisture penetration	SS-EN 1087-1	Wood materials	Yes	2	No	
	Resilience	SS 8760011	Furniture	Yes	2	No	
	Safety	SS-EN 12727	Furniture	Yes	2	No	
		SS-EN 1335-2	Furniture	Yes	2	No	
		SS-EN 15373	Furniture	Yes	2	No	
		SS-EN 16139	Furniture	Yes	2	No	
		SS-EN 1729-2	Furniture	Yes	2	No	
		SS-EN 581-2	Furniture	Yes	2	No	
	Shearing strength	SS-EN 581-3	Furniture	Yes	2	No	
		SS-EN 205	Construction products	Yes	2	No	
		SS-EN 302-1	Construction products	Yes	2	No	
	Stability	SS-EN 302-4	Construction products	Yes	2	No	
		ISO 7174-1	Furniture	Yes	2	No	
		ISO 7174-2	Furniture	Yes	2	No	

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	Stability	SS-EN 1022	Furniture	Yes	2	No	
	Strength testing	Intern metod; SP-metod 0487:2013	Construction products	No		No	
		SS-EN 1075	Wood materials	Yes	2	No	
		SS-EN 1380	Wood materials	Yes	2	No	
		SS-EN 1381	Wood materials	Yes	2	No	
		SS-EN 14351-1	Construction products	Yes	2	No	A2:2016 pkt 4.8 Bearing capacity of safety devices
		SS-EN 302-2	Construction products	Yes	2	No	
		SS-EN 310	Wood materials	Yes	2	No	
		SS-EN 311	Wood materials	Yes	2	No	
		SS-EN 383	Wood materials	Yes	2	No	
	Tensile strength	SS-EN 1382	Wood materials	Yes	2	No	
		SS-EN 1383	Wood materials	Yes	2	No	
		SS-EN 14257	Construction products	Yes	2	No	
		SS-EN 302-3	Construction products	Yes	2	No	
	Tensile Testing	SS 270225	Construction products	Yes	2	No	
		SS-EN 319	Wood materials	Yes	2	No	
	Water sensitivity	SS-EN 317	Wood materials	Yes	2	No	
	Yield moment	SS-EN 409	Wood materials	Yes	2	No	
Child safety	Safety	SS-EN 12790	Furniture	Yes	2	No	

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Changes in the scope of accreditation are in bold.

The scope of accreditation is flexible as specified in this decision. The accredited body must always retain a current list of the scope for which it is accredited.

Type of flexible scope

1: - Introduce new version of standard method and make editorial changes to non-standard method

2: - Introduce new version of standard method and make editorial changes to non-standard method - Introduce new version and modifications of non-standard method. The procedure must be equivalent - Introduce new parameter/component/characteristics - Introduce new measurement range - Introduce new material/new products/matrices - Introduce new method equivalent to methods already in the accreditation decision