

Date

Reference

2023-05-24

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Scope of accreditation

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

RISE Research Institutes of Sweden AB

Borås

Accreditation number

1002

Polymer, fiber och kompositier

A002626-089

Biological examinations

Biological analysis

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
Inhouse method; 4913	Biological degradation		Polymers	Yes	2	No	
SS-EN 13432	Biological degradation		Polymers	Yes	2	No	
SS-EN ISO 14855-1	Biological degradation		Polymers	Yes	2	No	
SS-EN ISO 14855-2	Biological degradation		Polymers	Yes	2	No	
SS-EN ISO 16929	Biological degradation		Polymers	Yes	2	No	
SS-EN ISO 17556	Biological degradation		Polymers	Yes	2	No	

Chemical analysis

Plastics

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
Inhouse method; 1390	Thermal analysis		Rubber	Yes	2	No	
Inhouse method; 1468	Thermal analysis	FTIR	Polymers	Yes	2	No	
SS-EN ISO 11357-1	Thermal analysis		Polymers	Yes	2	No	
SS-EN ISO 11357-3	Thermal analysis		Polymers	Yes	2	No	

Climate and environmental durability

Plastics

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
NT POLY 161	Effect of chemicals		Construction products	Yes	2	No	

Climate and environmental durability

Plastics

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
SS-EN 1296	Heat Resistance		Construction products	Yes	2	No	
SS-EN 14575	Oxidation, Corrosion		Construction products	Yes	2	No	
SS-EN 671-1	Corrosion testing		Extinguishing system	Yes	2	No	
SS-EN ISO 11357-6	Oxidation, Corrosion		Polymers	Yes	2	No	
SS-EN ISO 7326	Ozon resistance		Rubber	Yes	2	No	
SS-ISO 1431-1	Ozon resistance		Rubber	Yes	2	No	
SS-ISO 1817	Effect of chemicals		Rubber	Yes	2	No	

Functional testing

Construction materials

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
EAD-030352-00-0503 Annex C	Scratch resistance		Construction products	Yes	2	No	
EAD-030352-00-0503 Annex D	Dimension		Construction products	Yes	2	No	
EAD-030352-00-0503 Annex F	Water tightness		Construction products	Yes	2	No	
EAD-030352-00-0503 section 2.2.17	Cleanability		Construction products	Yes	2	No	Enbart pkt 2.4.7.1
Inhouse method; 1116	Mechanical characteristics		Polymers	Yes	2	No	
ISO 1183-1	Density		Polymers	Yes	2	No	Endast metod A
ISO 1923	Dimension		Polymers	Yes	2	No	
ISO 4592	Dimension		Polymers	Yes	2	No	
ISO 4593	Dimension		Polymers	Yes	2	No	
SPCR 063	Dimension, density, elongation, tensile strength, UV resistance		Polymers	Yes	2	No	

Functional testing

Construction materials

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
SS 2840	Dimension, wear, adhesion, permanence		Extinguishing system	Yes	2	No	
SS 923612	Water tightness		Construction products	Yes	2	No	
SS 923614	Cleanability		Construction products	Yes	2	No	
SS 923615	Tensile Testing		Construction products	Yes	2	No	
SS 923616	Water tightness		Construction products	Yes	2	No	
SS 923621	Water tightness		Construction products	Yes	2	No	
SS 993621	Water tightness		Floor material	Yes	2	No	
SS-EN 12085	Dimension		Polymers	Yes	2	No	
SS-EN 12235	Vertical ball behaviour		Floor material	Yes	2	No	
SS-EN 12616	Drainage power		Floor material	Yes	2	No	
SS-EN 13036-4	Friction		Floor material	Yes	2	No	
SS-EN 13553	Water tightness		Construction products	Yes	2	No	Endast Annex A
SS-EN 13696	Elasticity		Floor material	Yes	2	No	Endast avsnitt 5 och 7
	Impact strength		Floor material	Yes	2	No	Endast avsnitt 5 och 7
	Wear (resistance to wear)		Floor material	Yes	2	No	Endast avsnitt 5 och 7
SS-EN 13845	Friction		Construction products	Yes	2	No	Endast Annex D
SS-EN 13893	Friction		Construction products	Yes	2	No	
SS-EN 14354	Dimension, wear, adhesion, permanence		Floor material	Yes	2	No	Annex D, E
SS-EN 14808	Shock absorption		Floor material	Yes	2	No	
SS-EN 14891	Water tightness		Construction products	Yes	2	No	
SS-EN 1849-2	Dimension		Polymers	Yes	2	No	
SS-EN 1928	Permeability		Construction products	Yes	2	No	
SS-EN 1931	Permeability		Polymers	Yes	2	No	
SS-EN 1969	Dimension		Floor material	Yes	2	No	
SS-EN ISO 12572	Permeability		Construction products	Yes	2	No	

Functional testing

Construction materials

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
SS-EN ISO 23997	Area weight		Construction products	Yes	2	No	
SS-EN ISO 23999	Dimensional stability		Construction products	Yes	2	No	
SS-EN ISO 24343-1	Indentation		Floor material	Yes	2	No	
SS-EN ISO 24346	Dimension		Construction products	Yes	2	No	
SS-EN ISO 4080	Permeability		Construction products	Yes	2	No	
SS-EN ISO 4671	Dimension		Construction products	Yes	2	No	
SS-EN ISO 7783	Water vapour diffusion		Paint and polish	Yes	2	No	
SS-EN ISO 845	Density		Polymers	Yes	2	No	

Material testing

Archivability

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
Inhouse method; 0062	Area weight		Paper	Yes	2	No	
Inhouse method; 0070	Copying (production of an image on paper)		Writing materials	Yes	2	No	
Inhouse method; 0071	Optical testing		Paper	Yes	2	No	
Inhouse method; 0075	Water resistance		Paper	Yes	2	No	
Inhouse method; 0076	Light resistance		Paper	Yes	2	No	
Inhouse method; 0086	Generating lines with ball-point pen		Writing materials	Yes	2	No	
Inhouse method; 1047	pH		Paper	Yes	2	No	
Inhouse method; 1048	Folding endurance		Paper	Yes	2	No	

Material testing

Archivability

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
Inhouse method; 1050	Fibre composition		Paper	Yes	2	No	
Inhouse method; 1133	Dry matter content		Paper	Yes	2	No	
Inhouse method; 1134	Alkali reserve		Paper	Yes	2	No	
Inhouse method; 1135	Kappa number		Paper	Yes	2	No	
Inhouse method; 2790	Resistance to abrasion		Writing materials	Yes	2	No	
ISO 10716	Alkali reserve		Paper	Yes	2	No	
ISO 187	Conditioning		Paper	Yes	2	No	
ISO 302	Kappa number		Paper	Yes	2	No	
ISO 5-1	Density, optical density		Film material	Yes	2	No	
ISO 5-2	Density, optical density		Film material	Yes	2	No	
ISO 5-3	Density, optical density		Film material	Yes	2	No	
ISO 5-4	Density, optical density		Film material	Yes	2	No	
ISO 9184-3	Fibre composition		Paper	Yes	2	No	
SS-EN ISO 535	Water absorption		Paper	Yes	2	No	
SS-EN ISO 536	Area weight		Paper	Yes	2	No	
SS-EN ISO 638-1	Dry matter content		Paper	Yes	2	No	
SS-ISO 11798	Resistance to ageing		Writing materials	Yes	2	No	
SS-ISO 302	Kappa number		Paper	Yes	2	No	
			Paper pulp	Yes	2	No	
SS-ISO 6588-1	pH		Paper	Yes	2	No	

Material testing

Plastics

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
SS-EN ISO 176	Migration of plasticizers		Polymers	Yes	2	No	
SS-EN ISO 6801	Volume		Extinguishing system	Yes	2	No	

Physical properties

Construction materials

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
SS-EN 13329	Dimension, Irregularities in surfaces, sound absorption, wear (resistance to wear), permanence		Floor material	Yes	2	No	
SS-EN-ISO 24344	Deflection		Floor material	Yes	2	No	

Strength testing

Plastics

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
ASTM D1709	Impact testing		Polymers	Yes	2	No	
ASTM D882	Ozon resistance, heat		Polymers	Yes	2	No	
BS 6391	Ozon resistance, heat		Polymers	Yes	2	No	
DIN 53 363	Tear resistance		Polymers	Yes	2	No	
EAD-030352-00-0503 Annex B	Tensile Testing		Construction products	Yes	2	No	
Inhouse method; 0414	Heat Resistance		Polymers	Yes	2	No	
Inhouse method; 1380	Tensile test, shear testing, water vapour permeability		Polymers	Yes	2	No	
Inhouse method; 1503	Pressure testing		Construction products	Yes	2	No	

Strength testing

Plastics

Method	Parameter	Technique	Material	Flex	Type of flex	Field	Note
Inhouse method; 1506	Verification method, floor ball		Sporting equipment	Yes	2	No	
Inhouse method; 5195	Wear (resistance to wear)		Floor material	Yes	2	No	
ISO 2818	Preparation of test specimen		Polymers	Yes	2	No	
ISO 3821	Resistance to heat, chemicals, smoulder		Rubber	Yes	2	No	
ISO 4675	Bend testing		Rubber	Yes	2	No	
ISO 48-2	Hardness Testing		Construction products	Yes	2	No	
ISO 48-4	Hardness Testing		Rubber	Yes	2	No	
ISO 6383-1	Tear resistance		Polymers	Yes	2	No	
ISO 6383-2	Tear resistance		Polymers	Yes	2	No	
ISO 7765-1	Impact testing		Polymers	Yes	2	No	
SPCR 011	Dimension		Sporting equipment	Yes	2	No	
SS-EN 1109	Bend testing		Construction products	Yes	2	No	
SS-EN 12310-1	Tear resistance		Polymers	Yes	2	No	
SS-EN 12311-1	Tensile Testing		Construction products	Yes	2	No	
SS-EN 12311-2	Tensile Testing		Polymers	Yes	2	No	
SS-EN 12317-1	Tensile Testing		Polymers	Yes	2	No	
SS-EN 12317-2	Tensile Testing		Polymers	Yes	2	No	
SS-EN 12365-2	Pressure testing		Construction products	Yes	2	No	
SS-EN 12365-3	Bend testing		Polymers	Yes	2	No	
SS-EN 12730	Pressure testing		Polymers	Yes	2	No	
SS-EN 13892-5	Wear (resistance to wear)		Construction products	Yes	2	No	
SS-EN 13892-7	Wear (resistance to wear)		Construction products	Yes	2	No	
SS-EN 14809	Deformation		Floor material	Yes	2	No	
SS-EN 15889	Mechanical characteristics		Polymers	Yes	2	No	

Strength testing

Plastics

Method	Parameter	Technique	Material	Flex	Type of flex	Field	Note
SS-EN 438-2	Optical testing		Floor material	Yes	2	No	Resistans to surface wear, abasion, impact by small and large diameter ball, staining.
SS-EN 660-2	Wear (resistance to wear)		Construction products	Yes	2	No	
SS-EN 681-1	Material requirement		Construction products	Yes	2	No	
SS-EN 681-2	Material requirement		Construction products	Yes	2	No	
SS-EN 684	Optical testing		Floor material	Yes	2	No	
SS-EN 826	Pressure testing		Polymers	Yes	2	No	
SS-EN ISO 10619-1	Bend testing		Polymers	Yes	2	No	
	Flexibility and stiffness		Polymers	Yes	2	No	
SS-EN ISO 10619-2	Bend testing		Polymers	Yes	2	No	
SS-EN ISO 12236	Pressure testing		Construction products	Yes	2	No	
SS-EN ISO 1402	Pressure testing		Polymers	Yes	2	No	
SS-EN ISO 178	Bend testing		Polymers	Yes	2	No	
SS-EN ISO 179-1	Impact testing		Polymers	Yes	2	No	
SS-EN ISO 1798	Tensile Testing		Polymers	Yes	2	No	
SS-EN ISO 180	Impact testing		Polymers	Yes	2	No	
SS-EN ISO 1856	Compression Set		Polymers	Yes	2	No	
SS-EN ISO 1924-2	Tensile Testing		Paper	Yes	2	No	
SS-EN ISO 527-1	Tensile Testing		Polymers	Yes	2	No	
SS-EN ISO 527-2	Tensile Testing		Polymers	Yes	2	No	
SS-EN ISO 527-3	Tensile Testing		Polymers	Yes	2	No	
SS-EN ISO 7233	Pressure testing		Polymers	Yes	2	No	
SS-EN ISO 7840	Optical testing		Rubber	Yes	2	No	
SS-EN ISO 8033	Adhesion		Rubber	Yes	2	No	
SS-ISO 188	Heat Resistance		Rubber	Yes	2	No	
SS-ISO 3384-1	Relaxation		Rubber	Yes	2	No	

Strength testing

Plastics

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>	<i>Note</i>
SS-ISO 3384-2	Relaxation		Rubber	Yes	2	No	
SS-ISO 37	Tensile Testing		Polymers	Yes	2	No	
			Rubber	Yes	2	No	
SS-ISO 5626	Folding endurance		Paper	Yes	2	No	
SS-ISO 815-1	Compression Set		Rubber	Yes	2	No	
SS-ISO 9352	Wear (resistance to wear)		Polymers	Yes	2	No	

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