

Accreditation Scope

Name of accredited body: **NEKSTEN s.r.o.**
Materials and parts testing laboratory
 Zbrojničná 3a, 040 01 Košice

Laboratory with fixed scope of accreditation.

Item	Test object		Established method		Other specifications (scope, uncertainty, purpose, modification/validation, opinions/interpretations, etc.)
	Subject / Matrix / Environment	Property / Parameter / Indicator	Principle / Kind / Type	Determination	
1.	Products and assemblies of plastic, metal, leather, PVC, PU, textiles and composites	Resistance to environmental conditions – humidity, temperature	Temperature and humidity exposure (qualitative test)	EN 60068-2-1, EN 60068-2-2, EN 60068-2-14, EN 60068-2-30, EN 60068-2-38, EN 60068-2-78, DIN 53508, MIL-STD-810, DBL 5471, PV 1200, TL 496, TL 52296, GMW 14729, ASTM F1980, VW96238(PTL8140) (NEK001-S-SJ)	Temperature range: (-70 to +180) °C Humidity range: (10 to 98) % Tests performed in laboratory.
2.		Burning rate	Determination of flammability	FMVSS 302, ISO 3795, DIN 75200, DBL 5307, TL 1010, D45 1333 (NEK003-S-SJ)	Tests performed in laboratory.
3.1		Gloss	Gloss measurement (gloss value)	EN ISO 2813 (NEK007-S-SJ)	
3.2		Colour	Colour measurement (Chromatic coordinates)	EN ISO 11664-4, STN 673067, CIE 15 (NEK006-S-SJ)	
3.3		Colour stability	Visual colourimetry (qualitative test)	EN ISO 105-A02, EN ISO 105-A03, STD 1026, STD 5172, STD 8201 (NEK002-S-SJ)	STD 1026, STD 8201 Tests performed in laboratory.
4.		Tensile and compression force measurement	Tensile and compression test	ISO 29073, ISO 13934, ISO 178, ISO 14125, DIN 53357 (NEK005-S-SJ)	Tensile a compression: (0,1 to 10000) N Tests performed in laboratory.

Annex to the Decision No. 523/8518/2020/1 and to the Certificate of Accreditation No. S-368 dated 11.02.2020

The Annex is an integral part of the
Certificate of Accreditation

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5.	Products and assemblies of plastic, metal, leather, PVC, PU, textiles and composites	Colour fastness against abrasion	Colour fastness against abrasion test (qualitative test)	ISO 105-X12, ISO 105-A02, ISO 105-A03, STD 1026, STD 8432, PV 3906 (NEK008-S-SJ)	Tests performed in laboratory.
6.		Accelerated weathering (Durability)	Artificial accelerated weathering tests using sun simulation (qualitative test)	EN ISO 105-A02, EN ISO 105-B02, EN ISO 105-B04, EN ISO 105-B06, EN ISO 4892-2, GMW 3414, VDA 75202, PV 1303, PV 1306, PV 3930 PV 3929 EN ISO 4892-1, D47 1431, FIAT 50451, STD 1027,337, SAE J 2527, SAE J 2412/J1885, JASO M 346, ISO 16474-2/11341 (NEK004-S-SJ)	
