


Annex of the certificate (Page 1/8)

Accreditation Scope

 Test TS EN ISO/IEC 17025 AB-0547-T	METALTEK TEKNOLOJİ KİM. ÜRÜN. MAD. TURZ. OTO. İNŞ. TAAH. SAN. VE TİC. LTD. ŞTİ.	
	Accreditation Nr: AB-0547-T Revision Nr: 07 Date: 21.05.2020	
As a Testing Laboratory		
Address: Ostim Mah. Alinteri Bulv. SS Gül 86 San.Sit. No:1/49 06370 ANKARA/TÜRKİYE	Phone : 0 312 3855201 Fax : 0 312 3855202 E-Mail : tuncay.katirci@metaltekkimya.com.tr Website : www.metaltekkimya.com.tr	

Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Paints and Varnishes on Magnetic Base Substrates	Measurement of Coating Thickness - Magnetic Method	ASTM B499 TS EN ISO 2178 EN ISO 2178
Non-Conductive Coatings on Non-Magnetic Electrically Conductive Base Metals	Measurement of Coating Thickness - Amplitude-Sensitive Eddy-Current Method	TS EN ISO 2360 EN ISO 2360 ASTM B 244 Qualicoat
Paints and Varnishes	Corrosion Tests in Artificial Atmospheres - Salt Spray Tests	ASTM B 117 TS EN ISO 9227 EN ISO 9227 DIN EN ISO 9227 Qualicoat
Paints and Varnishes	Cross-Cut Test	TS EN ISO 2409 EN ISO 2409 ASTM D 3359 Qualicoat
Paints and Varnishes	Pull-Off Test for Adhesion	ASTM D 4541 TS EN ISO 4624 ISO 4624
Paints and Varnishes	Film Hardness by Pencil Test	ASTM D 3363
Paints and Varnishes	Buchholz Indentation Test	DIN EN ISO 2815 TS 6037 EN ISO 2815 Qualicoat
Paints and Varnishes	Bend Test (Cylindrical and Conical Mandrel)	TS EN ISO 1519 EN ISO 1519 BS EN ISO 6860 ASTM D522 Qualicoat
Paints and Varnishes	Cupping Test	TS EN ISO 1520 EN ISO 1520 Qualicoat

Annex of the certificate (Page 2/8)

Accreditation Scope

 <p style="font-size: small; margin-top: 5px;">Test TS EN ISO/IEC 17025 AB-0547-T</p>	<p>METALTEK TEKNOLOJİ KİM. ÜRÜN. MAD. TURZ. OTO. İNŞ. TAAH. SAN. VE TİC. LTD. ŞTİ.</p> <p style="margin-top: 20px;">Accreditation Nr: AB-0547-T</p> <p>Revision Nr: 07 Date: 21.05.2020</p>
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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Paints and Varnishes	Rapid-Deformation (Impact Resistance) Tests - Part 1: Falling-Weight Test, Large-Area Indenter	ASTM D2794 TS EN ISO 6272-1 EN ISO 6272-1 Qualicoat
Paints and Varnishes	Rapid-Deformation (Impact Resistance) Tests - Part 2: Falling-Weight Test, Small-Area Indenter	TS EN ISO 6272-2 EN ISO 6272-2 Qualicoat
Paints and Varnishes	Determination of Gloss Value at 20 Degrees, 60 Degrees and 85 Degrees	TS EN ISO 2813 EN ISO 2813 ASTM D523 Qualicoat
Paints and Varnishes	Determination of Scratch Resistance - Part 1: Constant-Loading Method	TS EN ISO 1518-1 EN ISO 1518-1 ASTM D7027
Paints and Varnishes	Abrasion Resistance (Taber Abraser)	ASTM D4060 EN ISO 7784-2 TS EN ISO 7784-2
Plastics	Abrasion Resistance (Taber Abraser)	EN ISO 9352
Paints and Varnishes	Determination of Hiding Power-Part 3: Determination of Contrast Ratio (Opacity) of Light-Coloured Paints at a Fixed Spreading Rate	EN ISO 6504-3 TS EN ISO 6504-3
Paints and Varnishes	Determination of Resistance to Humidity - Condensation	TS EN ISO 6270-1 EN ISO 6270-1 ASTM D2247
Paints and Varnishes	Determination of Resistance to Humidity - Part 2: Condensation (Incabinet Exposure)	TS EN ISO 6270-2 EN ISO 6270-2 Qualicoat
Paints and Varnishes	Stone-chip Resistance of Coatings	ISO 20567-1 ASTM D3170 SAE J 400
Textile, Woven Fabrics, Automotive Upholstery, Accessory	Colour Fastness to Artificial Light - Xenon Arc Lamp Test	ISO 105 B02 ISO 105 B04 ISO 105 B06
Plastics	Methods of Exposure to Laboratory Light Sources - Part 2: Xenon-Arc Lamps	TS EN ISO 4892-2 ISO 4892-2
Non-Metallic Materials	Methods of Exposure to Laboratory Light Sources - Xenon-Arc Lamps	ASTM G155

Annex of the certificate (Page 3/8)


Accreditation Scope

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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Non-Metallic Materials (Passenger Compartment Components)	Methods of Exposure to Laboratory Light Sources - Xenon-Arc Lamps	PV1303
Automotive Interior Trim Components	Methods of Exposure to Laboratory Light Sources - Xenon-Arc Lamps	SAE J 2412
Anodizing of Aluminium and Its Alloys	Light Fastness to Artificial Light - Xenon Arc Lamp Test	TS 1385 ISO 2135 ISO 2135
Plastics	Methods of Exposure to Laboratory Light Sources - Part 3: Fluorescent UV Lamps	TS EN ISO 4892-3 ISO 4892-3
Paints and Varnishes	Methods of Exposure to Laboratory Light Sources - Part 2: Xenon-Arc Lamps	TS EN ISO 16474-2 ISO 16474-2 Qualicoat
Paints and Varnishes	Methods of Exposure To Laboratory Light Sources - Part 3: Fluorescent UV Lamps	TS EN ISO 16474-3 ISO 16474-3 ASTM D4587
Non-Metallic Materials	Methods of Exposure to Laboratory Light Sources - Fluorescent UV Lamps	ASTM G154
Paints and Varnishes	Determination of Resistance to Liquids - Part-1: Immersion in Liquids Other than Water	TS EN ISO 2812-1 EN ISO 2812-1
Paints and Varnishes	Determination of Resistance to Liquids Part-2: Resistance to Water	TS EN ISO 2812-2 EN ISO 2812-2 ASTM D870
Paints and Varnishes	Determination of Resistance to Liquids Part-3: Method Using an Adsorbent Medium	TS EN ISO 2812-3 EN ISO 2812-3
Paints and Varnishes	Determination of Resistance to Liquids Part-4: Spotting Methods	TS EN ISO 2812-4 EN ISO 2812-4
Paints and Varnishes	Metallic and Other Non-Organic Coatings - Sulfur Dioxide Test With General Condensation of Moisture	ASTM G87 TS 6610 EN ISO 3231 Qualicoat
Non-Metallic and Non-Organic Coatings	Sulfur Dioxide Test with General Condensation of Moisture	TS 9258 EN ISO 6988
Paints, Varnishes and Coating Materials	Cyclic Corrosion Test	SAE J 2334 GMW 14872 CETP 00.00-L-467 TM 00.00-L-467
Paints, Varnishes and Coating Materials (Vehicle Components, with Protection Coating)	Cyclic Corrosion Test	VDA 621-415 VDA 233-102 PV 1210

Annex of the certificate (Page 4/8)

Accreditation Scope

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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Paints and Varnishes	Determination of Resistance to Cyclic Corrosion Conditions - Part 1: Wet (Salt Fog)/Dry/Humidity	TS EN ISO 11997-1 EN ISO 11997-1
Paints and Varnishes	Determination of Resistance to Cyclic Corrosion Conditions - Part 2: Wet (Salt Fog)/Dry/Humidity/UV Light	TS EN ISO 11997-2 EN ISO 11997-2
Paints and Varnishes (Aluminium Substrates)	Resistance to Filiform Corrosion	TS EN ISO 4623-2 ISO 4623-2 Qualicoat
Paints (Aluminium Substrates)	Machu Test	Qualicoat
Paints (Aluminium Substrates)	Resistance to Boiling Water	Qualicoat
Paints (Aluminium Substrates)	Polymerisation Test	Qualicoat
Conversion Coatings	Standard Guide for Determining Mass Per Unit Area of Electrodeposited and Related Coatings by Gravimetric and Other Chemical Analysis Procedures	ASTM B767 TS EN ISO 3892 EN ISO 3892
Hot Dip Galvanized Coatings on Ferrous Materials	Metallic Coatings-Hot Dip Galvanized Coatings on Ferrous Materials-Gravimetric Determination of the Mass Per Unit Area	TS EN ISO 1460 EN ISO 1460
Paints, Varnishes and Plastics	Determination of non-volatile matter content	TS EN ISO 3251 EN ISO 3251
Paints, Varnishes and Coatings	Standard Test Method for Volatile Content of Coatings	ASTM D2369

Annex of the certificate (Page 5/8)

Accreditation Scope

 	<p>METALTEK TEKNOLOJİ KİM. ÜRÜN. MAD. TURZ. OTO. İNŞ. TAAH. SAN. VE TİC. LTD. ŞTİ.</p> <p>Accreditation Nr: AB-0547-T</p> <p>Revision Nr: 07 Date: 21.05.2020</p>
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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Mechanical, Electrical, Electronic Systems, Subsystems and Protective Paint Systems	Environmental testing -Part 2-1: Tests - Test A: Cold	TS EN 60068-2-1 EN 60068-2-1 IEC 60068-2-1
Mechanical, Electrical, Electronic Systems, Subsystems and Protective Paint Systems	Environmental testing - Part 2-2: Tests - Test B: Dry Heat	TS EN 60068-2-2 EN 60068-2-2 IEC 60068-2-2
Mechanical, Electrical, Electronic Systems, Subsystems and Protective Paint Systems	Environmental Testing - Part 2-5: Tests - Test S: Simulated Solar Radiation at Ground Level and Guidance for Solar Radiation Testing and Weathering	TS EN IEC 60068-2-5 EN 60068-2-5 IEC 60068-2-5
Mechanical, Electrical, Electronic Systems, Subsystems and Protective Paint Systems	Environmental testing - Part 2-14: Tests - Test N: Change of temperature	TS EN 60068-2-14 EN 60068-2-14 IEC 60068-2-14
Mechanical, Electrical, Electronic Systems, Subsystems and Protective Paint Systems	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	TS EN 60068-2-30 EN 60068-2-30 IEC 60068-2-30
Mechanical, Electrical, Electronic Systems, Subsystems and Protective Paint Systems	Environmental testing -- Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test	TS EN 60068-2-38 EN 60068-2-38 IEC 60068-2-38
Mechanical, Electrical, Electronic Systems, Subsystems and Protective Paint Systems	Environmental Testing - Part 2-52: Tests - Test KB: Salt Spray Cycle (Sodium Chloride Solution)	TS EN IEC 60068-2-52 EN 60068-2-52 IEC 60068-2-52
Mechanical, Electrical, Electronic Systems, Subsystems and Protective Paint Systems	Environmental testing - Part 2-61: Test Z / ABDM:Climatic squence	TS EN 60068-2-61 EN 60068-2-61 IEC 60068-2-61

Annex of the certificate (Page 6/8)

Accreditation Scope

 	<p>METALTEK TEKNOLOJİ KİM. ÜRÜN. MAD. TURZ. OTO. İNŞ. TAAH. SAN. VE TİC. LTD. ŞTİ.</p> <p>Accreditation Nr: AB-0547-T</p> <p>Revision Nr: 07 Date: 21.05.2020</p>
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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Mechanical, Electrical, Electronic Systems, Subsystems and Protective Paint Systems	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	TS EN 60068-2-78 EN 60068-2-78 IEC 60068-2-78
Gas Meters - Diaphragm Meters	Resistance to Internal and External Corrosion Tests	TS EN 1359/Section 6.4 EN 1359/Section 6.4
Mechanical, Electrical, Electronic Systems, Subsystems	High Temperature Test	MIL STD 810F Method 501.4 MIL STD 810G Method 501.5 MIL-STD-810G w/Change 1 Method 501.6 MIL STD 810H Method 501.7
Mechanical, Electrical, Electronic Systems, Subsystems	Low Temperature Test	MIL STD 810F Method 502.4 MIL STD 810G Method 502.5 MIL-STD-810G w/Change 1 Method 502.6 MIL STD 810H Method 502.7
Mechanical, Electrical, Electronic Systems, Subsystems	Temperature Shock Test	MIL STD 810F Method 503.4 MIL STD 810G Method 503.5 MIL-STD-810G w/Change 1 Method 503.6 MIL STD 810H Method 503.7
Mechanical, Electrical, Electronic Systems, Subsystems	Solar Radiation Test (Sunshine)	MIL STD 810F Method 505.4 MIL STD 810G Method 505.5 MIL-STD-810G w/Change 1 Method 505.6 MIL STD 810H Method 505.7

Annex of the certificate (Page 7/8)


Accreditation Scope

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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Mechanical, Electrical, Electronic Systems, Subsystems	Humidity	MIL-STD-810F Method 507.4 MIL STD 810G Method 507.5 MIL-STD-810G w/Change 1 Method 507.6 MIL STD 810H Method 507.6
Mechanical, Electrical, Electronic Systems, Subsystems	Salt Fog	MIL-STD-810F Method 509.4 MIL STD 810G Method 509.5 MIL-STD-810G w/Change 1 Method 509.6 MIL STD 810H Method 509.7
Road vehicles	Environmental conditions and testing for electrical and electronic equipment Climatic loads	ISO 16750-4
Road vehicles	Environmental conditions and testing for electrical and electronic equipment Chemical loads	ISO 16750-5
Paints and Varnishes	Salt Spray Tests Copper-Accelerated Acetic Acid Salt Spray (CASS) Test	ASTM B368
Paints and Varnishes	Corrosion Tests in Artificial Atmospheres - Salt Spray Tests Acetic Acid Salt Spray (AASS) Test	ASTM G85
Paints and Varnishes	Colour Measurement	ASTM D2244 ISO/CIE 11664-4 Qualicoat
Paints and Varnishes	Corrosion protection of steel structures by protective paint systems - Part 6: Laboratory performance test methods	TS EN ISO 12944-6 ISO 12944-6
Paints and Varnishes	Corrosion Protection of Steel Structures by Protective Paint Systems — Part 9: Protective Paint Systems and Laboratory Performance Test Methods for Offshore and Related Structures	TS EN ISO 12944-9 ISO 12944-9
Organic Coatings (Aluminium Substrates)	Resistance to Mortar	TS EN ISO 12206-1 EN ISO 12206-1 (Section 5.9) Qualicoat
Anodic Oxidation Coatings	Assessment of Quality of Anodic Coatings	EN ISO 3210 Qualanod

Annex of the certificate (Page 8/8)

Accreditation Scope

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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Medicine Trolley- Metalic Shelved	Load Resistance, Wheel Measurement, Corrosion Resistance Tests	TS 5539 (Section; 2.3.1.1, 1.3.3, 2.3.2.1)

End of Scope

G. Banu MÜDERRİSOĞLU
Secretary General