



METALTEK TESTING AND ANALYSIS LABORATORY

METALTEK TEST CATALOG

METALTEK is an internationally recognized testing laboratory accredited by TURKAK in accordance with the **EN ISO/IEC 17025** standard since 2012. The laboratory provides more than **100** testing services for organic, metallic, and inorganic coatings.

Its testing activities cover corrosion, mechanical durability, and environmental resistance evaluations. METALTEK performs testing in accordance with European and American standards, including DIN, EN, ISO, IEC, NATO AEP, ASTM, and MIL specifications.

Serving a wide range of industries such as automotive, white goods, defense, aerospace, metal manufacturing, general industry, electrical and electronics, glass, paint, and chemicals, METALTEK delivers internationally recognized test reports that support product quality, compliance, and market access worldwide.





ABOUT US

METALTEK was established in **2007** in the Ankara HAB Organized Industrial Zone and operates on a 4,000 m² site with 3,000 m² of indoor laboratory and testing facilities. Accredited in accordance with the TS EN ISO/IEC 17025 standard, our laboratory provides testing and analytical services through its team of experts to the automotive, aerospace, defense, energy, construction, white goods, and electrical-electronics industries.

Since 2014, METALTEK has been operating as a laboratory approved by **QUALICOAT**, the Switzerland-based international quality label organization for architectural aluminum coatings. As the only authorized QUALICOAT laboratory in Türkiye, METALTEK supports numerous national and international manufacturers with testing services for powder coatings, liquid coatings, and aluminum surface treatment applications.

With its commitment to technical excellence, impartiality, and reliability, METALTEK delivers internationally recognized test results that help manufacturers ensure product quality, regulatory compliance, and market competitiveness.



Today, our laboratory provides testing services to customers in **18 countries** across Europe, the Middle East, Asia, and Africa. METALTEK contributes to international qualification and approval processes by performing certification and approval testing of materials used in the aerospace industry, including paints, sealants, and adhesives.

In 2026, METALTEK was granted the status of an **R&D Center**, approved by the Ministry of Industry and Technology of the Republic of Türkiye. This achievement reflects the company's ongoing commitment to technical innovation, research, and the development of advanced testing solutions.

SOME OF THE COUNTRIES WE SERVE

Norway • Czech Republic • Russia • Uzbekistan • Kazakhstan • Azerbaijan • United Arab Emirates • Saudi Arabia • Algeria • Egypt • Iran • Thailand • Indonesia • Malaysia • United States • Vietnam • Germany • Spain • Poland • Greece



OUR OTHER SERVICES



In addition to testing and analysis services, **METALTEK** provides integrated solutions to its customers through the manufacturing of **testing equipment**, the development of **maintenance chemicals** for the aerospace and defense industries, as well as training and technical **consultancy services**. Operating within this scope, METALTEK Academy offers training programs and technical consultancy services for industry professionals.

Furthermore, METALTEK operates as an accredited Proficiency Testing Provider under the MET-KAR brand in accordance with the **TS EN ISO/IEC 17043** standard. Through the proficiency testing schemes organized annually, METALTEK contributes to the performance evaluation processes of laboratories.

We continue to create value for our customers through reliable results, technical expertise, and an internationally recognized commitment to quality. If you would like to learn more about METALTEK's services, please contact us through the communication channels below:

 **Web:** <https://metaltekkimya.com.tr/>

 **E-mail:** info@metaltekkimya.com.tr





CORROSION TESTING GROUP

SALT FOG RESISTANCE TESTS

EN ISO 9227
ASTM B117
Qualicoat Madde 2.10
EN IEC 60068-2-11
ASTM G 85
ASTM B368



RESISTANCE TESTS IN HUMID ENVIRONMENTS

EN ISO 6270-1
EN ISO 6270-2
ASTM D2247

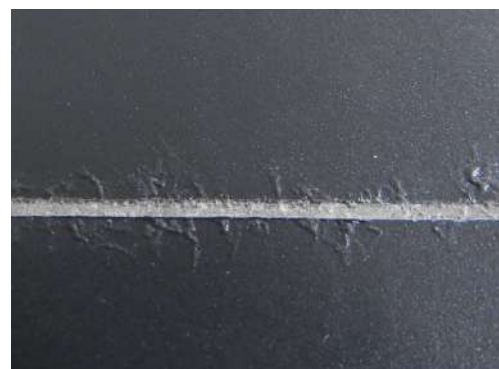
RESISTANCE TESTS IN HUMID AND SULFUROUS ENVIRONMENTS

EN ISO 22479
ASTM G87



FILIFORM CORROSION TEST

EN ISO 4623-2



CHEMICAL RESISTANCE TESTS

EN ISO 2812-1
EN ISO 2812-2
EN ISO 2812-3
EN ISO 2812-4
EN 12206-1

CYCLIC TESTS

EN ISO 12944-6/-9
CETP 00.00-L-467
GMW 14872
M 3018
PV 1210
SAE J 2334
TM 00.00-L-467
EN ISO 11997-1/-2
VDA 621-415
VDA 233-102





ENVIRONMENTAL TESTING GROUP

MIL-STD TESTS

MIL STD 810H Method 501.7
MIL STD 810H Method 502.7
MIL STD 810H Method 503.7
MIL-STD-810H Method 521.4
MIL-STD-810H Method 505.7
MIL-STD-810H Method 509.7
IEC 60068-2-52
MIL STD 810H Method 507.6



IEC 60068 TESTS

EN ISO IEC 60068-2-1
IEC 60068-2-2
IEC 60068-2-5
IEC 60068-2-14
IEC 60068-2-30
EN ISO IEC 60068-2-38
EN ISO IEC 60068-2-61
EN ISO IEC 60068-2-78
IEC 60068-2-11
IEC 60068-2-52



RTCA DO TESTS

RTCA DO 160G Section 4
RTCA DO 160G Section 5
RTCA DO 160G Section 6
RTCA DO 160G Section 10
RTCA DO 160G Section 11
RTCA DO 160G Section 14
RTCA DO 160G Section 24





ENVIRONMENTAL TESTING GROUP

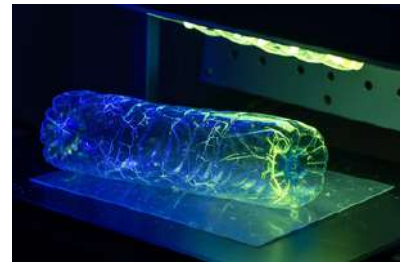
UV TESTS

ASTM D 4587-23
ASTM G154
EN ISO 16474-3
EN ISO 4892-3



XENON TESTS

ASTM G 155
SAE J 2412
EN 60068-2-5
ISO 2135
EN SIO 16474-2
EN ISO 4892-2



HEAT EFFECT TESTS

DIN EN ISO 3248
M 3018
EN ISO 3248





MECHANICAL TESTING GROUP

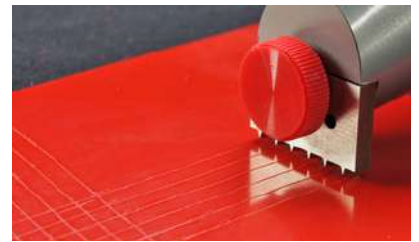
FILM THICKNESS TESTS

EN ISO 2178
ASTM B499
TS EN ISO 2360
ASTM B244
ISO 1461



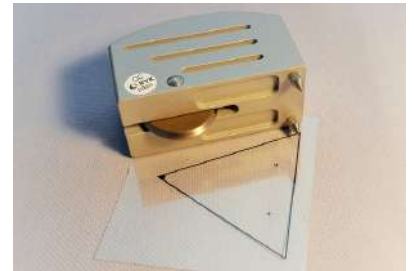
ADHESION TESTS

EN ISO 2409
ASTM D3359
BS EN ISO 16276-2
M 3018
EN ISO 4624



IMPACT RESISTANCE TESTS

EN ISO 6272-1
EN ISO 6272-2
ASTM D2794



BENDING STRENGTH TESTS

EN ISO 1519
ASTM D522
ISO 6860
EN 13523-7



CUPPING TEST

EN ISO 1520

BUCHHOLZ TEST

ISO 2815

SCRATCH RESISTANCE TEST

ISO 1518-1





MECHANICAL TESTING GROUP

PENCIL HARDNESS TEST

ASTM D3363



ABRASION TEST

ASTM D4060



MARTINDALE TEST

EN 16611

COLOR AND GLOSS DETERMINATION TESTS

ISO 11664-4

ASTM D2244

EN ISO 2813

ASTM D523



TENSILE STRENGTH TESTS

EN ISO 527-1/2

EN ISO 527-1/3

ISO 6892-1

HARDNESS SHORE A - SHORE D TESTS

EN ISO 868

ASTM D2240



STONE CHIP TESTS

ASTM D3170

ISO 20567

SAE J 400

M 3171

WATERJET TESTS

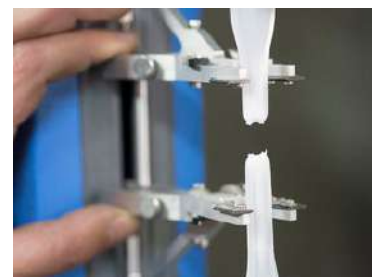
ISO 16925

M 3018

SCRAPING TEST

M 3018

MAN 277





QUALICOAT TESTING GROUP

• QUALICOAT SPECIFICATIONS

PHYSICAL TESTS

ISO 2813
ISO 2360
EN ISO 11664-4
Water spot test

MECHANICAL TESTS

ISO 2409
ISO 1519
EN 13523-7 / EN 1396
ISO 2815
ISO 1520
ISO 6272-1 / ISO 6272-2
EN 16611
Wet Adhesion Test

CHEMICAL TESTS

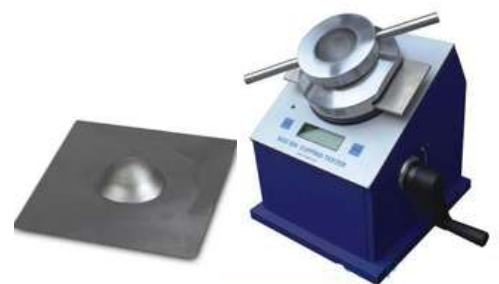
Polimerizasyon Test
EN 12206-1

CORROSION TESTS

EN AW-6060 / EN AW-6063
ISO 9227-AASS
ISO 4623-2
ISO 6270-2
ISO 22479 Method B / ISO 4628-2

ENVIRONMENTAL TESTS

ISO 16474-2 Method A





OUR OTHER TESTS

WET PAINT TESTS

ASTM D2369
EN ISO 3251
ASTM D1210
EN ISO 1524
EN ISO 6504-3
ASTM D0562-10
ASTM D1200-23
BS EN ISO 2431
ISO 2811-1



ROAD VEHICLE TESTS

ISO 16750-4
ISO 16750-5

DRESSING TROLLEYS TESTING

TS 5539

GAS METER TESTING

EN 1359



GRAVIMETRIC COATING WEIGHT TESTS

ASTM B767
EN ISO 1460
EN ISO 3210
EN ISO 3892



EVALUATION STANDARDS

EN ISO 4628 -1/-2/-3/-4/-5/-6/-8/-10
EN ISO 10289
ASTM D0610
ASTM B537
ASTM D661
ASTM D714
ASTM D772
ASTM D1654





FOR TESTING SERVICES OUTSIDE THE SCOPE OF ACCREDITATION, CONTACT US!

METALTEK also evaluates special testing requests for a wide range of industries thanks to its technical expertise and advanced laboratory infrastructure.

You may contact our expert team for testing solutions tailored to your needs, including automotive standards, manufacturer specifications, and customer-specific requirements.





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