

# ECE BOYA KİMYA SAN. ve TİC. A.Ş.

Prepared by: Nagihan ÖZTÜRK R&D Center Executive

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**About Ece Boya** 



# **About Ece Boya**

- Established in 1982, Ece Boya is one of the leading companies in Turkey in the coating and resin manufacturing with its brand Erco.
- The company's strategy is based on rigorous R&D studies to develop new Technologies. Ece Boya Kimya has been R&D CENTER since June of 2017.
- We develop new products according to new developments in the world and by anticipating our customers' needs. We will continue to make difference by reflecting our vision to production with new plant in Gebkim.
- Export more than 30 countries, 45% export in our total sales





# **Product Groups**

#### **Unsaturated Polyester Resins**

- Casting
- Hand lay-up
- RTM
- SMC/BMC
- Button
- Putty
- Mold

#### Polyester Resin Based Gelcoats

- Ortho phthalic
- Iso phthalic

#### **Pigment Pastes**

#### **Resin Groups**

- Alkyd Resins
- Urethane modified alkyd resins
- Isocynate based hardener resins



#### **Vinyl Esters**

- Bisphonel-A based
- Epoxy novolac based

#### **Auxiliary Products**

- Accelerators
- Monomers
- Solutions





# **Product Groups**

#### **Wood Coatings**

- 1K Cellulosic
- Polyurethane
- Acrylic
- Polyester
- Water-based
- Wood Stains
- Auxilary products
- Thinners
- UV Curing Products









# **Product Groups**

#### **General Industry Coatings**

- 1K Cellulosic (Rapicoat)
- Polyurethane (Harpol)
- Acrylic (Ultimar)
- Synthetic (Sentex)
- Industrial rapid(Prolux)
- Epoxy (Corodur)
- Oven drying (Termopol)













**Certificates** 



#### Quality Certificate ISO 9001:2015





#### Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2015

This is to certify that:

Ece Boya Kimya San.ve Tic.A.S. Istanbul Deri Org.San.Böl.Karadeniz Cd. No: 9 (14-1) Tuzla Istanbul 34957

Holds Certificate No

FM 598825

Turkey

and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

Production, sales and after sales services of wood and metal coatings, thinners, polyester resins, gelcoats, vinylester resins, pigment paste and auxiliary products

For and on behalf of BSI:

Andrew Launn, EMEA Systems Certification Director

Original Registration Date: 2013-07-17 Latest Revision Date: 2018-08-03





...making excellence a habit."

Page: 1 of 1

Effective Date: 2016-06-27

Expiry Date: 2019-07-16

This certificate was issued electronically and remains the property of 6SI and is bound by the conditions of contra An electronic certificate can be authenticated online.

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowfhill, Milton Keynes MKS BPP: Tel: + 44 345 080 9000

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AE, UK





#### Tescil Sertifikası

KALİTE YÖNETİM SİSTEMİ - ISO 9001:2015

Aşağıda ismi ve adresi verilen kuruluş:

Ece Boya Kimya San.ve Tic.A.S. Istanbul Deri Org.San.Böl.Karadeniz Cd. No: 9 (14-1) Tuzla Istanbul 34957 Türkiye

no' lu sertifikaya sahiptir;

FM 598825

ve ISO 9001:2015 gerekliliklerine uygun olan bir Kalite Yönetim Sistemi uygulamaktadır.

Ahşap, metal boya ve vernikleri, tiner, polyester reçineler, jelkotlar, vinil ester reçineler, pigment pastalar ve yardımcı ürünlerin üretimi, satışı ve satış sonrası hizmetler

BSI adına:

Andrew Launn, EMEA Systems Certification Director

Belgelendirme tarihi: 2013-07-17 Son basım tarihi: 2018-08-03







Son Belgenin Geçerlilik Tarihi: 2016-06-27 Son geçerlilik tarihi: 2019-07-16

Sayfa: 1 / 1

...making excellence a habit."

u sertifika elektronik olarak yayınlanmıştır, BSI'ya aittir ve sözlepme hükümlerine tabidi ektronik sertifika internet üzerinden tarihi erlikinik

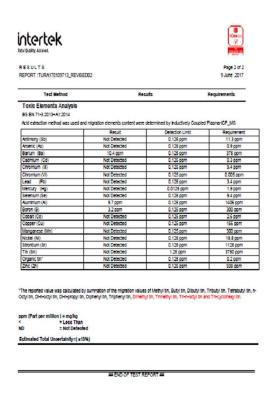
Basili kopyelar www.bsi-global.com/ClientDirectory adresinden veya +90 216 445 90 38 numarak telefondan kontrol edileb

Bildi ve Bettpin: BST, Kitemark Court, Davy Avenue, Knowfallf, Milton Kleynes NKS 8PP, Tel: +44 345 080 9000 BSI Assivance LK izmitad, registered in England under number 7805321 at 389 Chipavick High Road, London W4 4AL, UK. BSI Grup privater dyesi.



TOY SAFETY STANDARD EN 71/3 for CELLULOSIC COATINGS and WATER BASED COATINGS

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TEST REPORT		
REPORT NUMBER :	TURA170109713 REVISED02	Page 1 of
APPLICANT NAME:	Ece Boya Kimya San. Tic. A.S	
ADDRESS :	DOSB Karadeniz Caddesi No:9Tuzta İstanbul / TURN TEL:0216 394 0920	ŒΥ
Attenti	on: Nagihan Öztürk ( nagihan.ozturk@eceboya.com )	
AMPLE DESCRIPTION :	One sample of Erco branded cellulosic wood coating liq	id tem
DATE IN:	1 June ,2017 ( 11:01:00)	
DATE OUT :	6 June ,2017 /7 June ,2017 /6 June ,2017	
OTE:	in this revised 01 report, sample description was corrects. This report replaced the report no TURA170109713 data used instead of it. Report no TURA170109713 dated on 6 June, 2017 is in in this revised 02 report, sample description was changed.	d on 6 June, 2017 and must be
	This replaced the report no TURA170109713_REI must be used instead of it.  Report no TURA170109713. REI/01 dated on 7 June. 20	01 dated on 7 June, 2017 and
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#### TSE SYNTHETIC THINNER-TS 2436/T1



#### TSE CELLULOSIC VARNISHES-TS 11604





#### LEAD IN PAINT AND OTHER SIMILAR SURFACE COATING

**ÜRK** 

Page 1 of 2



#### TEST REPORT REPORT NUMBER:

APPLICANT NAME :

TURA180197387\_REVISED01 Ece Boya Kimya San. Tio. A.S.

ADDRESS: DOSB Keradeniz Ceddesi No:9Tuzte İstenbul / TURKEY

TEL:0218 394 0920

Attention: Bülent Çiçek,Nagihan Öztürk

[ butent.closk@eceboya.com;nagthan.ozturk@eceboya.com ]

SAMPLE DESCRIPTION: One sample of Erop branded apoxy primer squid farm

DATE IN : 18 November 2016 ( 16:30)

DATE OUT : 18 November ,2016 /21 November ,2016

MATERIAL TYPE: In this test reports, test results reported are direct instrument readings. NOTE:

The surface coating on the submitted sample compiles with the Lead Content.

requirements of CPSIA 2008 section 101 (a)(2)(8)

In this revised 01 report, sample description was changed by the request of varidor. This report replaced the report no TURASS0197567 dated on 15 November, 2016 and

Report no TURA160197367 dated on 16 November, 2016 is invalid

	BAMPLE
TEST	1
Lead in Paint and Other Similar Surface Coating	S. 100 inc.

P = MEETS BUYER S REQUIREMENT / F = DOES NOT MEET BUYER S REQUIREMENT / NR = NO REQUIREMENT / SC-STELL V= NEUTRIBLES | X=NOT PERFORMED | NA = NOT APPLICABLE | LS = LACK OF SAMPLE | NC = NO COMMENT | I = NCONCLUSIVE | # = SEE RESULT | NF = NEEDS FURTHER TESTING | A = ABSENT | M = MARGINAL ACCEPT | SD = SEE DETAILS ENCOYOLOGED

Phone : 100 212 496 46 46 Fax: 100 212 452 60 55



REBULTS REPORT TURA160197367\_REVISEDO1

**Test Nethod** 

Peep 2 of 2 21 November ,2016

Requirements

Lead in Paint and Other Similar Surface Coating

CPSC-CH-E1003-09 1 Method followed by ICP-OES

385 ppm 600 ppm\*

\*Customer Requirement

ppm (part per million) = mg/kg - Less Than Detection Limit = 5 ppm Estimated Total Uncertainty+(±4%)

# END OF TEST REPORT #

Volken ALBAYRAK Zeynep AKIN Customer Care Executive Chemical Laboratory Manager Intertek Test Nizmederi A.S. Morkey Mahadini Sangi Cad. No. 23 Altindig Plays Yoshoons 34797 ASTANSES.

Intertek Test Hizmesteri A.S. Moster Mahallasi Sanayi Cast No.11 distadag Plaza Fasibonas-bell Plane: +90.212 496 46 46 Fas: +90.212 452 90 55

ecco

TS EN ISO 9227 Corrosion tests in artificial atmospheres -- Salt spray tests
TS EN ISO 4892-3 Methods of exposure to laboratory light sources. Fluorescent UV lamps

TURKA

(V)

AB-0547-T

1066

03-16

#### TÜRKAK

#### TÜRK AKREDİTASYON KURUMU

tarafından akredite edilmiş

#### METALTEK TEKNOLOJÍ KÍMYASAL ÜRÜNLER LTD. ŞTÍ.

TEST LABORATUVARI

Adres: Ainterl Bulvan SS G01 86 San. St. No: 1/49
06370 Ostim / ANKARATÜRKİYE
Tel: 0 312 385 52 01-03 - Fax: 0 312 385 52 02

#### TEST RAPORU

: ECE BOYA KIMYA SAN, VE TIC A.S.

Anadolu Mah. Demokrasi Cad. No: 145 Tepeőren Mevkil 34957 Tuzla / İSTANBUL.

Teklif numarası / Tarihi : 1283 / 12.02.2016

Order No / Date

Müşterinin adı / Adresi

Customer name / Address

Numunenin adı ve tarifi : AKRİLİK BOYALI VE POLİÜRETAN BOYALI TEST PLAKALARI

Name and Identity of the test item

Numunenin kabul tarihi : 01.03.2016

The date of receipt of the test item

Açıklamalar

Remarks

Testin yapıldığı tarih : 03.03.2016 - 11.03.2016

Date of the test

Raporun sayfa sayısı : 1

Number of pages of the report

Test ve/veya ölçüm sonuçlan, genişletilmiş ölçüm beliralzilkleri (olması halinde) ve test metotları bu sertifikanın tamamlayıcı kısımı olan takip eden sayfalarda verilmiştir.

The testing and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

Muhar

Date

Raporu Hazırlayan Writer of Report Ayşe Nilden BiÇER Laboratuvar Müdürü Manager of Laboratory Kim. Müh. Tuncay KATIRCI Resimiler

EK-1 test rapor no: 1066 sayta 2/5



200 SAATLIK TUZ TESTİ SONRASI – AKRİLİK BOYALI SİSTEM



#### LLOYD'S REGISTER-CERTIFICATE OF POLYESTER **RESIN**

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#### CERTIFICATE OF APPROVAL OF A POLYESTER RESIN

Certificate No. MATS/4884/1

This certificate is issued to the company named below. The restn described has been examined in accordance with the requirements of Lloyd's Register and is approved for use in constructions built under Lloyd's Register's survey. This approval is subject to Lloyd's Register being informed of any changes in or modifications to the resin and the product being used in accordance with the manufacturer's instructions and with the relevant requirements of Lloyd's Register's Rules and Regulations.

Company ECE BOYA KIMYA SAN.TIC.A.S.

TUZLA TURKEY

Trade name ERCO

Resin E-7

Application Laminating resin

Type Orthophthalic polyester resin

Characteristics Sprayable Hand layup

Applicable LR Rules Rules and Regulations for Classification of Special Service Craft

Valid until 9 August 2022

Date 10 August 2017



#### LLOYD'S REGISTER-CERTIFICATE OF ECE BOYA



Ece Boya Kimya San. ve Tic A.S. İstanbul Organize Deri Sanayi Bölgesi, Karadeniz Cad., No:9, Aydınlı-Orhanlı 34957 Tuzla İstanbul

T +90 (216) 368 99 30 +90 (216) 386 29 97 istanbul@lr.org

Lloyd's Register Gozetim Ltd. Sti. Ataturk Caddesi, Sitkibey Plaza,

No: 82, Kat. 3, Daire: 12 34742 Kozyatagi Kadikoy Istanbul /

RE: Certificate No: MATS/4884/1 - Certificate of Approval of a Polyester Resin

In view of Satisfactory nature of the test data, the resin manufactured by Ece Boya Kimya San. ve Tic A.S. has been approved for use under the appropriate on the LR Rule requirement.

Approvals are valid only as long as the properties of the resin are consistent with the data submitted, and the Quality Control routines which have been disclosed remain in operation.

Approval is given on the understanding that the resin is used in accordance with the published instructions for use and with any relevant requirements contained in LR Rules.

Furthermore LR should be informed both of any change of name or of reference number of the resin or of any subsequent modification which may affect performance.

In order to maintain approval, after the 2,5 years from the date of issue the certificate, you must confirm in writing that there has been no modification to the resin, processing, quality control routine, and the site of manufacture remains unchanged. Prior to any changes being made, Lloyd's Register must be notified in the first instance.

Any reference to approval in trade literature or advertisements should be referred to this office in the first instance for approval of the wording.

Best Regards

Melek Toker Senior Administrator - South Europe East Service Delivery Support (SDS) - Marine & Offshore

Lloyd's Register Gözetim Ltd. Sti. A member of the Lioyd's Register Group Ltd.

Atatürk Caddesi, SitkiBey Plaza, No 82, K 3, D 12, Kozyatagi, Istanbul

On/of afficiency and variants of trans fracting names of Coyd a Register Group Limited, its substituting and afficiency Univer Register Sophies Ltd. 95. (Yes reg 10. Sherivey (21) 1222555) in a company registered in Turkye. A member of the Litydo Register group.

Don't Require Copy Limits. It efficies and supplies the property of the improperty of the control of the property of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contr

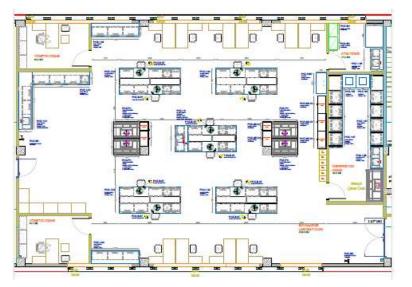
Page 1 of 1

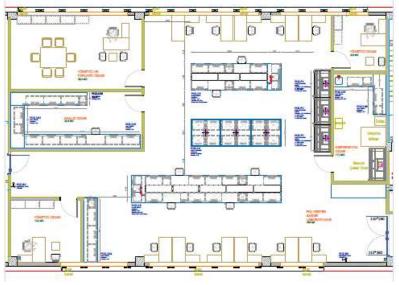


**R&D Center** 



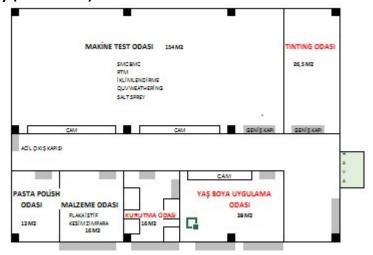
### **Gebkim R&D Center Plan**





Coatings Laboratuvary(290 m<sup>2</sup>)

Polyester Laboratuvary(290 m<sup>2</sup>)



7/12/2021

**Application Laboratuvary** 



## **Gebkim R&D Center**



















## **Pilot reactor**



Photograph of pilot reactor

7/12/2021

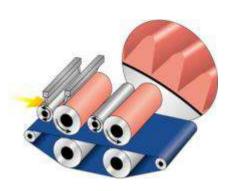


# **UV Curing Systems Ece Boya UV Line**

#### **Smartcoater 2MF LASER EVO**

LaserRoller twin head roller coater. This machine is suitable for perfectly smooth application of high quantities of primers as well as glossy and matt top coats. It is a valid alternative to curtain coater application.









# **UV Curing Systems Ece Boya UV Line**

#### **UV-R M2 lamb Galyum + Civa**

UV-R is a UV radiation curing oven which combines all parts of the process in a single module: conveyor, UV unit and control panel. Hg lamb for surface curing, Ga lamb for deep curing.

#### **Ecogel Ald**

Modular in-line drying oven: Ecogel solutions are perfect for rapid drying processes for paints with low dry residue, and for solvent evaporation.





# **Tintmaster Coloring System**





Dispenser



**Shaker** 

## **Communication**



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- Ece Boya Kimya San. ve Tic. A.Ş.
- GEBKIM Ibrahim Araci Cad No:1
- +905335983367
- nagihan.ozturk@eceboya.com

# Thanks for attention

