



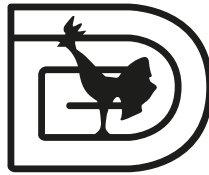
**DENLAKS®**

*All about adhesives*

OYNURDEN | DENSAN | EGEDEN | PRODEN

**OYNURDEN**  
KİMYA SANAYİ TİCARET A.Ş.

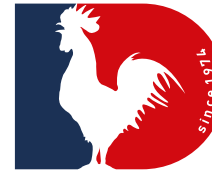
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21 Aralık, 1974



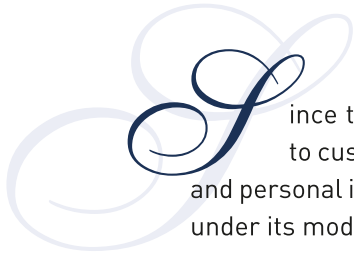
20 Nisan, 1991



1 Eylül, 2011

1974	DENSAN CHEMICALS INC. was founded by M. Yalçın Egemen to produce DENLAKS ADHESIVES in Istanbul.
1984	OYNURDEN CHEMICALS INC. was founded for taking the responsibility of production, and DENSAN carried on the marketing and sales activities of the company.
1986	OYNURDEN CHEMICALS INC. moved to its current plant location in Istanbul / Avclar and at the same time first export operations started.
1990	OYNURDEN CHEMICALS INC. started to act as the agent of various major European suppliers in the footwear industry.
1995	OYNURDEN CHEMICALS INC. foundation of the first shoe technical laboratory and the technical assistance and after sales service department of Turkey.
1996	Very first investment abroad, the warehouses in Bulgaria were built for the distribution of adhesives and footwear materials. Technical assistance activities provided to shoe manufacturers in Bulgaria.
1998	OYNURDEN CHEMICALS INC. was certified with ISO 9002, the quality management system by SGS (Société Générale de Surveillance)
2001	Millennium meant new horizons for DENLAKS and EGEDEN CHEMICALS LTD. was founded for the water based adhesive production.
2003	Using a technology support from a German company, a new production facility was established for the manufacture of reactive PU adhesives.
2004	PRODEN CONSTRUCTION CHEMICALS LTD. was founded for the manufacture of construction chemicals. Know how license agreement was signed with a World known German company Uzin UTZ AG and production has begun thereafter.
2005	The second production plant of Oynurden Group was completed. The manufacture of self levelling compound has started by Proden in this new facility.
2006	New machines have been installed and the production capacity of solvent based adhesives was increased from 2500 tonnes to 10000 tonnes annually
2008	A new agreement signed with Uzin Utz AG to enlarge the territory to 18 different countries in Middle East and North Africa region.
2009	Hot Melt production facility was established.
2013	To design, enlarge, and develop the product range, the construction of new R&D and product development and research laboratories has started. Project support was obtained from TUBITAK. The new management building was completed and whole team has moved to its new current location.
2014	DENLAKS signed a new, strategic agreement with an American company known as Wisdom Adhesives. Production of new types of adhesives and marketing operations has started for various industries. Certification of ISO 14000. A new packaging, soft metal tubes was presented to the market.
2015	First productive of HMPUR.





Since the foundation of Denlaks in 1974, our main goal is best described as a dedication to customer satisfaction, quality, mankind and environment through professional service and personal integrity. Over 40 years of history the family-run business is continuously developing under its modern, 18.000m<sup>2</sup> facilities located in Istanbul.

As Oynurden group of companies we serve our customers 350 superior products for mainly footwear, construction, furniture, textile, lamination, carpet, paper & packaging, foam & mattress, natural stone & marble, transport and filter industries with brands Denlaks, Denlaks Uzin and Ribond.



Our main business philosophy is providing services and products of the highest quality and persistency, pursuing and supporting innovations, treating business partners fairly, with respect and conducting business with integrity.

There has been a continuous effort to provide 1.200 customers in 40 different countries worldwide, the most efficient and effective service with R&D laboratories, marketing and sales employees and technical staff during sales and aftersales activities. In the last 20 years, the increase in the Denlaks operations abroad is a result of our consistent growth.

In year 1998, we have been awarded with ISO 9002 certification on Quality Management System, reaffirming the company's primary policy and commitment to quality. This certificate was upgraded in 2010 as ISO 9001:2008 by SGS Yarsley International Certification Services. Responsible Care programme has been set in the system which shows our commitment and desire to improve the performance in the field of occupational safety, environmental protection and health protection. A final programme has been completed in 2014, setting our standards related to environmentally oriented requirements, responsibilities, regulations, laws and awarded to carry ISO 14001 Environment Management System Certification again by SGS Yarsley International Services.

M. Yalçın Egemen  
Chairman of the Board





## Past...

A lot has changed since 1974.  
Countries, governments  
and even the climate.

## Future...

Things that never change, are the  
trust of our customers in DENLAKS®  
brand and our quality policy.





success belongs to all of us...



## *member companies*

**OYNURDEN®**  
KİMYA SANAYİ TİCARET A.Ş.

Oynurden Chemicals Inc.

Producer of solvent based adhesives, water based and Hot Melt adhesives. Additionally offers auxiliary chemicals such as primers, cleaners, cross linkers, waterproof agents and shoe finishing products.

**EGEDEN®**  
KİMYA SANAYİ TİCARET LTD. ŞTİ.

Egeden Chemicals Ltd.

Supplier of water based glues, solvent based contact and post forming adhesives for Furniture & Woodworks industries. Hot Melt and moisture curable polyurethane adhesives.

**PRODEN®**  
YAPI KİMYASALLARI LTD. ŞTİ.

Proden Construction Chemicals Ltd.

Producer of cement based powder products (Self Levelling Compounds), water based adhesives, primers and epoxy based products.

**DENSAN®**  
KİMYA YAPIŞTIRICI TEKNOLOJİLERİ SAN. TİC. A.Ş.

Densan Chemicals Inc.

Supplier of HMPUR, Hot Melt, water based glues, solvent based adhesives for Natural Stone & Mosaic, Paper & Packaging, Transport industries.

**AGRODEN®**  
TARIM VE KİMYA ÜRÜNLERİ SAN. TİC. LTD. ŞTİ.

Agroden Agriculture and Chemicals Ltd.

Producer of certified grapevine



quality

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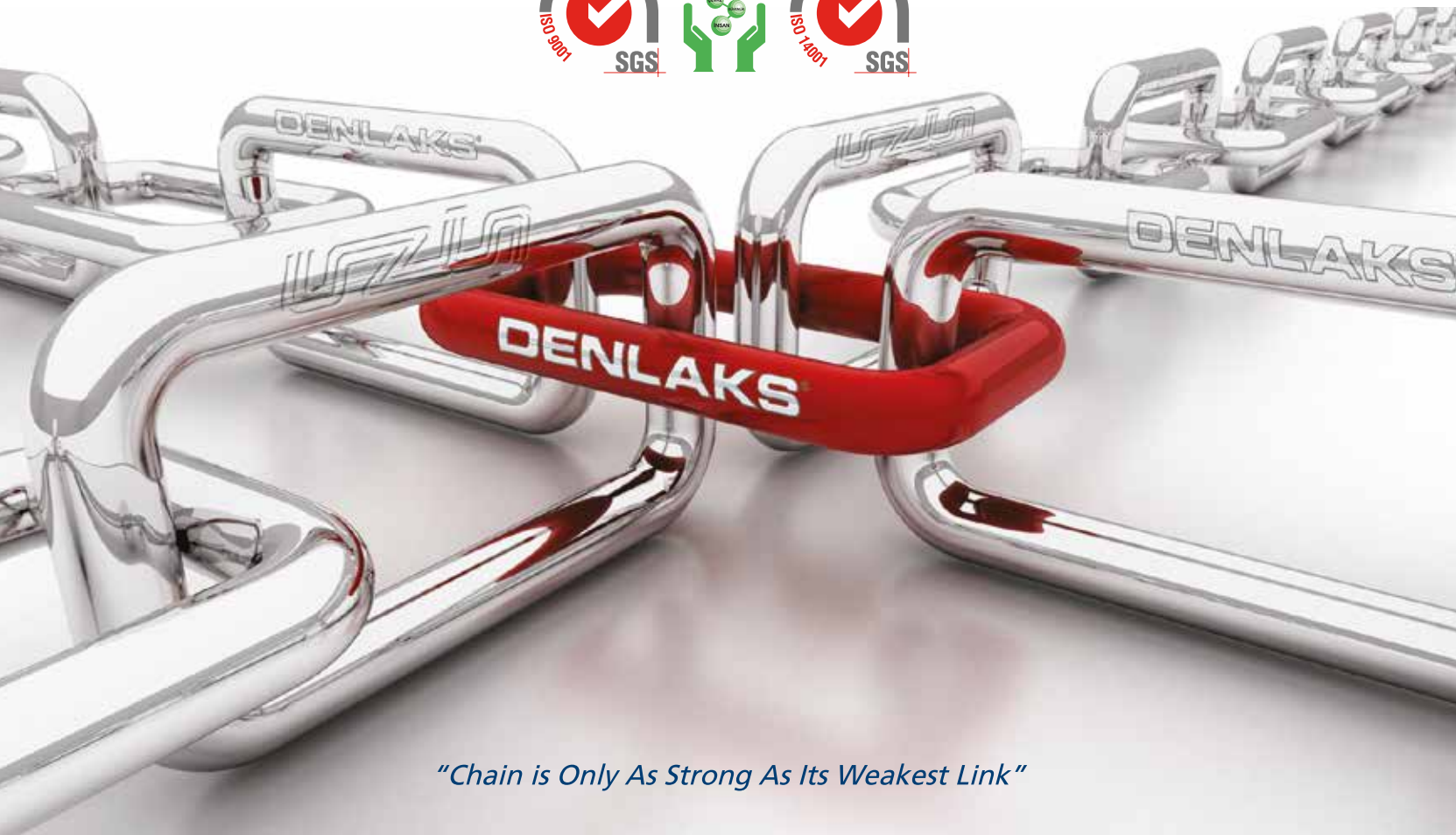
roduction of quality solutions without harming the environment, providing our customers superior products and services the right way with integrity in our business, evaluating national regulations, setting high standards, expectations and motivating workplace for all employees are our **CORE VALUES**.

Representing our country in the best way possible among countries, making **"DENLAKS" A GLOBALLY KNOWN BRAND** and deliver world class performance are our main targets.

**"TIME"** is a priceless treasure and waits for no one. Utilizing time more wisely and efficiently is one of our main corporate vision.

We follow and update continuously our **"QUALITY AND ENVIRONMENTAL POLICIES"** to bring our business partners the most affordable services.

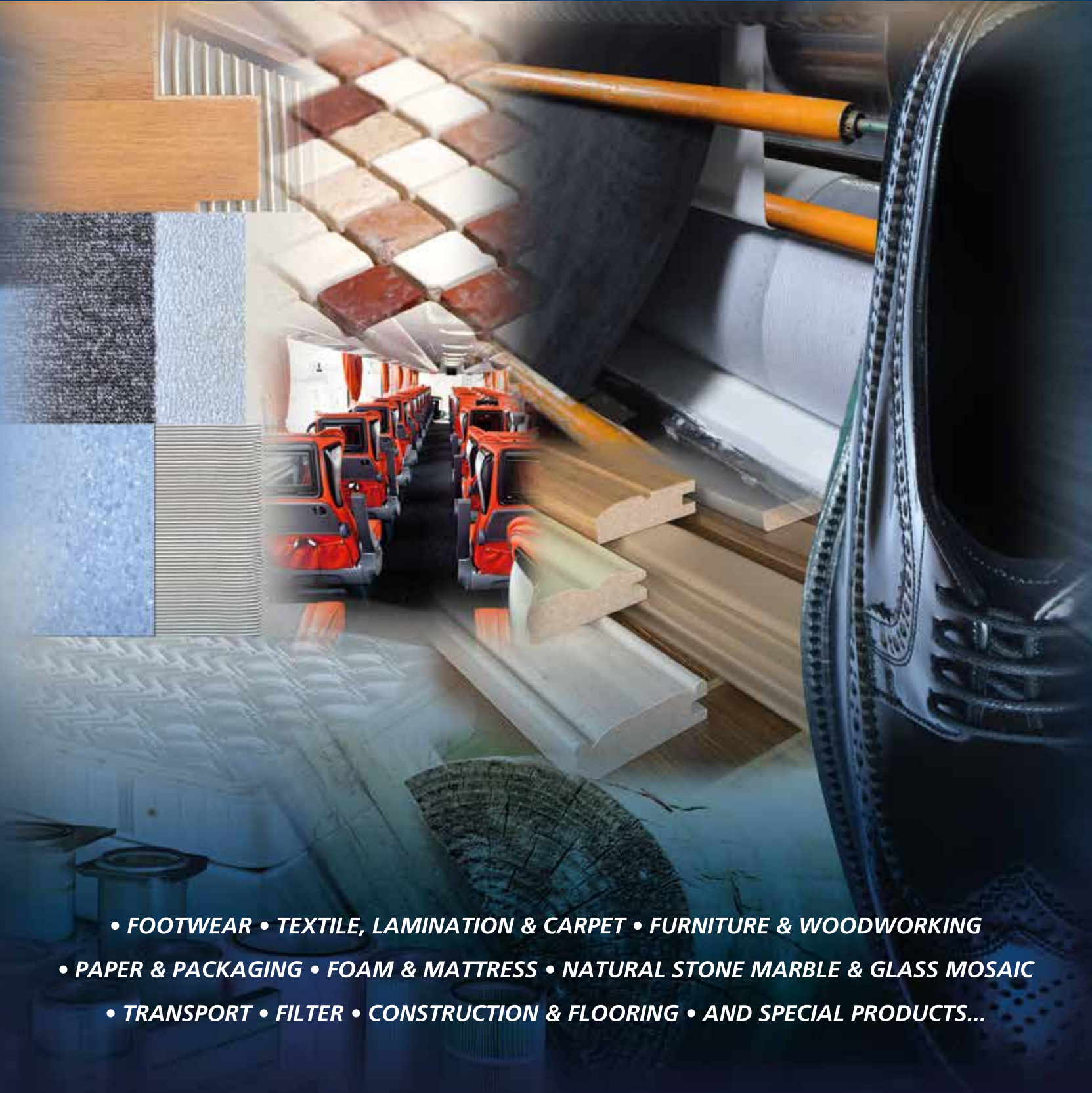
Globalization integrated countries generating further independence of ideas, products, economics and other aspects of culture. We believe in the quote **"The World is My Country"** and committed to improve the use of most efficient and cleanest energy resources in our daily operations to provide a cleaner environment and toward a more liveable World.



*"Chain is Only As Strong As Its Weakest Link"*

*markets*

*markets*



- FOOTWEAR • TEXTILE, LAMINATION & CARPET • FURNITURE & WOODWORKING
- PAPER & PACKAGING • FOAM & MATTRESS • NATURAL STONE MARBLE & GLASS MOSAIC
- TRANSPORT • FILTER • CONSTRUCTION & FLOORING • AND SPECIAL PRODUCTS...





## *product groups*

### **SOLVENT BASED ADHESIVES**

- Polychloroprene
- 
- Polyurethane
- 
- Synthetic Elastomer
- 
- Natural Rubber

### **WATER BASED ADHESIVES**

- Polyvinyl Homopolymer & Copolymer
- 
- Polychloroprene Dispersions
- 
- Polyurethane Dispersions
- 
- Acrylic Dispersions
- 
- Two Component EPI Systems

### **HOT MELT**

- EVA Based
- 
- PO/APAO Based
- 
- PA Based
- 
- PE Based
- 
- PSA

### **REACTIVE PU SYSTEMS**

- One Component Reactive PUR
- 
- Two Component Reactive PUR

### **EPOXY SYSTEMS**

- Epoxy Primers
- 
- Epoxy Resin Coatings
- 
- Epoxy Resin Self Flow Mortars
- 
- Epoxy Water Based Coatings
- 
- Two Component Epoxy Adhesives

### **SELF LEVELLING COMPOUNDS**

- Cement Based
- Self Levelling Systems

### **AUXILIARY CHEMICALS**

- Primers
- 
- Sponge Dressings
- 
- Waterproof Agent
- 
- Cross-Linking Agents
- 
- Shoe Finishing Products

### **REACTIVE HOT MELT**

- Reactive Polyurethane
- 
- Primers
- 
- Cleaners

*teamwork*  
teamwork







The

he strength of the company lies within its well educated, highly trained, skilled and motivated employees in every level of operations. The group employs around 130 people and is proud to have high level of loyalty, having an average career of 15 years.





technical service



*T*echnical Service Department, founded in 1990 is the first amongst other brands. To all local and export DENLAKS customers, a free and exceptional service and assistance, including technical applications before and after sales, assembly line controls, enhancing safety, material approvals are always provided.

For this purpose, a main laboratory in Istanbul headquarters, also laboratories in Izmir, Konya and Gaziantep were established with a mobile team of eight technical personnel to test specific processes. From these centers, a fast and effective customer service can easily be delivered. Here, our main goal is to be closer to manufacturing industries.



### İZMİR

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G: 0 533 351 60 61



### GAZİANTEP

Küçük Sanayi Sitesi, Anafartalar Bulvarı  
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### KONYA

Aykent Ayakkabıcılar Sit. Fevzi Çakmak Mah.  
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# international marketing networks

Together with our partners, Denlaks is one of the leading manufacturer of various adhesives and auxiliary chemicals since 1974. Taking the experience and advantages provided by its 42nd anniversary, Denlaks has focused its attention on accelerating growth by strengthening its Group capabilities and developing in global business.

We offer customer-based solutions for the footwear, construction, transport, woodworking and packaging industries. Our corporate headquarter in Istanbul is the core and heart of the Denlaks Group. The 150 highly-qualified members of staff deal with the multitude of tasks from production, R&D, logistics and in many different business units. This allows us to create and advance best possible perspectives for our 1.200 customers in 45 different countries worldwide.





# global subsidiaries and partnership

In the last 10 years we have reinforced and expanded our brand Denlaks globally with creation of different cooperation's in Germany and US, subsidiaries in Bulgaria, India and finally in Netherlands.



 <p><b>DENLAKS</b> TURKEY</p>	 <p><b>DENLAKS</b> BULGARIA</p>	 <p><b>UZIN</b> GERMANY</p>	 <p><b>DENLAKS</b> NETHERLAND</p>	 <p><b>WISDOM</b> USA</p>	 <p><b>DENLAKS</b> INDIA</p>
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## *laboratories • r&d*

Quality control systems and on going research & development of the product range are our top priority. We devote a high percentage of our resources to R&D. Within this perspective, 4 different laboratories were established and equipped with all necessary instruments. Laboratories are all classified according to different subcategories of our products. The quality system is based on a sampling and control system applied to all incoming raw materials and end products by our professional staff.



# production product

Oynurden Group of companies is the only manufacturer capable of producing high performance industrial solvent and water based adhesives, hot-melt and polyurethane systems, epoxy based products and self levelling compounds under the same roof, as DENLAKS brand.

Oynurden group is capable of producing, on a daily basis, 50 tonnes of solvent based adhesives, 20 tonnes of water based dispersions, 10 tonnes of Hot Melt adhesives, 5 tonnes of epoxy based and 2 tonnes one component Polyurethane systems in one of the most high-end European production facilities in a 15000 m<sup>2</sup> closed area.

Under the licence agreement with one of the largest German floor chemicals manufacturer in the world, UZIN UTZ AG, a production of 50 tonnes of cement based Self Levelling Compound is achieved in Istanbul premises.





## *solvent based adhesive production*



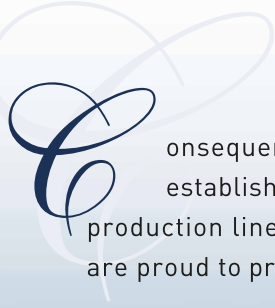
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olvent based adhesive manufacture has been the initial production type from the foundation of the company. Today, Oynurden has the largest production capacity of solvent based adhesives in Europe. At the moment 10000 tonnes/year. of different types of solvent based adhesives can be produced with the fully closed-circuit system. To realize this capacity level, custom made, computerized continuous filling systems are being operated.





## *reactive hot melt production*



Consequence of continuous developments and efforts, an HMPUR production plant was established and was inaugurated in March 2015. The investment is the first, one of a kind production line in Turkey; an entirely new and innovative approach in adhesive technology. We are proud to provide the adhesives, that meet the increasing demand for more concrete solutions.







## *water based adhesive production*



*W*

ater based adhesive production investment was completed in year 2000. An additional investment came soon after, increasing the capacity from 1100 tonnes/year. to 4000 tonnes/year. Production flexibility and diversity were achieved with different sizes of reactors and mixing technologies. Today, Egeden has great experience in emulsion polymerization technology for several kinds of water based systems. PVA, acrylic based products, are processed by computerized fully closed-circuit systems.





## *liquid pu systems production*

*P*U systems production consists of different mixing processes. Production facility is capable of manufacturing both 1 component and 2 component systems. The plant investment for moisture curable polyurethane based adhesive was put into operation in year 2006 with BAYER technology. The production is carried out under nitrogen gas in a fully closed-circuit system. The capacity of this process is around 220-250 tonnes/year, which is an addition to 1100 tonnes/year, the production capacity of 2 component polyurethane systems.





## *powder (s.l.c.) production*

*U*nder the licence agreement with UZIN UTZ AG, one of the largest German floor chemicals manufacturer in the world, the only non adhesive production plant of the group was invested. A production capacity of 50 tonnes of cement based Self Levelling Compound is achieved in Istanbul premises.







## *hot melt production*

After completing the investment in 2009, Hot Melt production division has reached up to 2500 tonnes/year capacity. With 3 different lines, different types and shapes can be formed. Hot Melts are processed either in two vertical mixers or two Z blade mixers. Shortly after the production the molten Hot Melt composition is formed by underwater pelletizer, strip or steel belt system.



# *All about adhesives*







*technical product catalogs*

**FOOTWEAR**

**DENLAKS**  
*All about adhesives*

**FURNITURE & WOODWORKS**

**DENLAKS**  
*All about adhesives*

**TEXTILE LAMINATION & CARPET**

**DENLAKS**  
*All about adhesives*

**PAPER & PACKAGING**

**DENLAKS**  
*All about adhesives*

**FOAM, MATTRESS & UPHOLSTRY**

**DENLAKS**  
*All about adhesives*

**NATURAL STONE & MOSAIC**

**DENLAKS**  
*All about adhesives*

**TRANSPORT**

**DENLAKS**  
*All about adhesives*

**FILTER**

**DENLAKS**  
*All about adhesives*

**FLOORING CHEMICALS**

**DENLAKS**  
*WPM*