

# PACHIN



# ALKYD RESINS

A LEGACY OF EXCELLENCE IN COATINGS

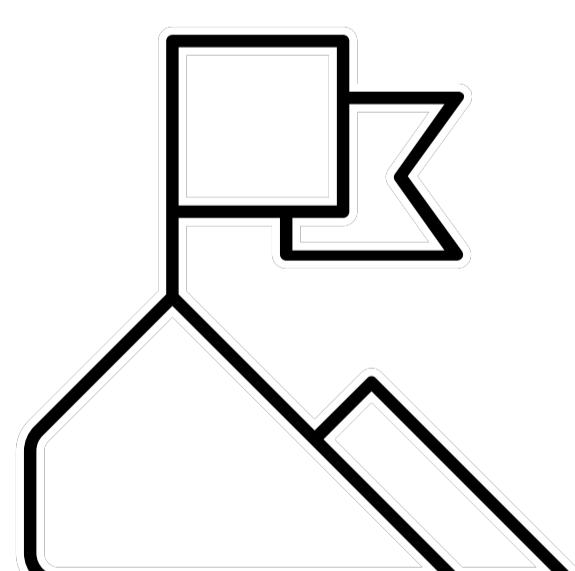
# INTRODUCTION

Pachin Paints: A Leader in Paint Manufacturing in the Middle East and Africa

PACHIN, a cornerstone of the Egyptian paint industry for **over six decades**, stands as a leading manufacturer synonymous with quality and customer trust. With a rich history and a strong foothold in the market, PACHIN boasts a comprehensive product portfolio catering to diverse needs. Its offerings encompass **decorative paints**, breathing life into homes and businesses with a vibrant spectrum of colors and finishes. The company's **industrial coatings** provide robust protection for various sectors, ensuring durability and longevity in demanding environments.

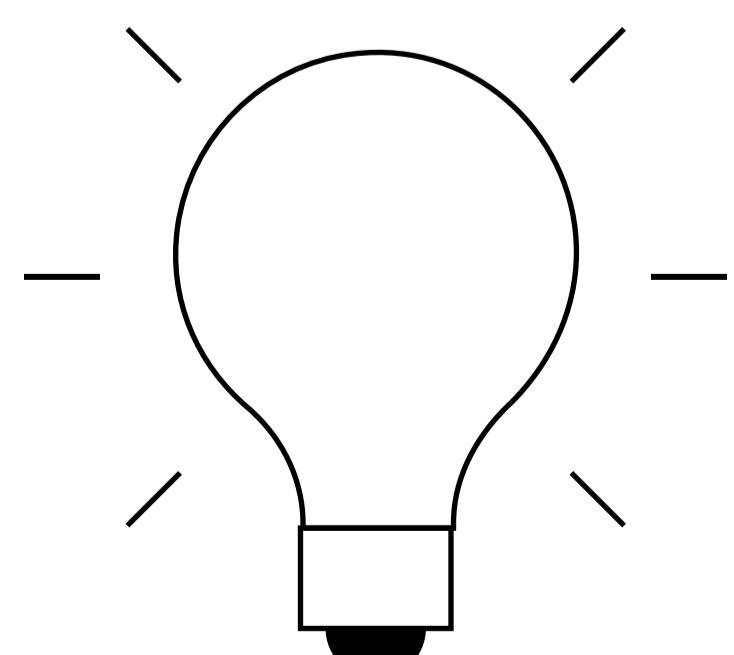
PACHIN's specialized **printing inks** deliver exceptional quality and precision for diverse printing applications, while its **alkyd resins** serve as essential components in numerous paint and coating formulations. With a legacy built on excellence and a commitment to innovation, PACHIN remains a driving force in the Egyptian paint market, serving customers across the nation with its comprehensive range of high-quality products.

## Misson



The company aspires to be one of the largest paint companies in the Middle East and North Africa by focusing on innovation, product development, maintaining their quality, developing products that meet the needs of different markets, and establishing an optimal employment policy for distinguished human resources.

## Vision



Achieving a balance between growth and maximizing profitability with high quality and large and promising markets.

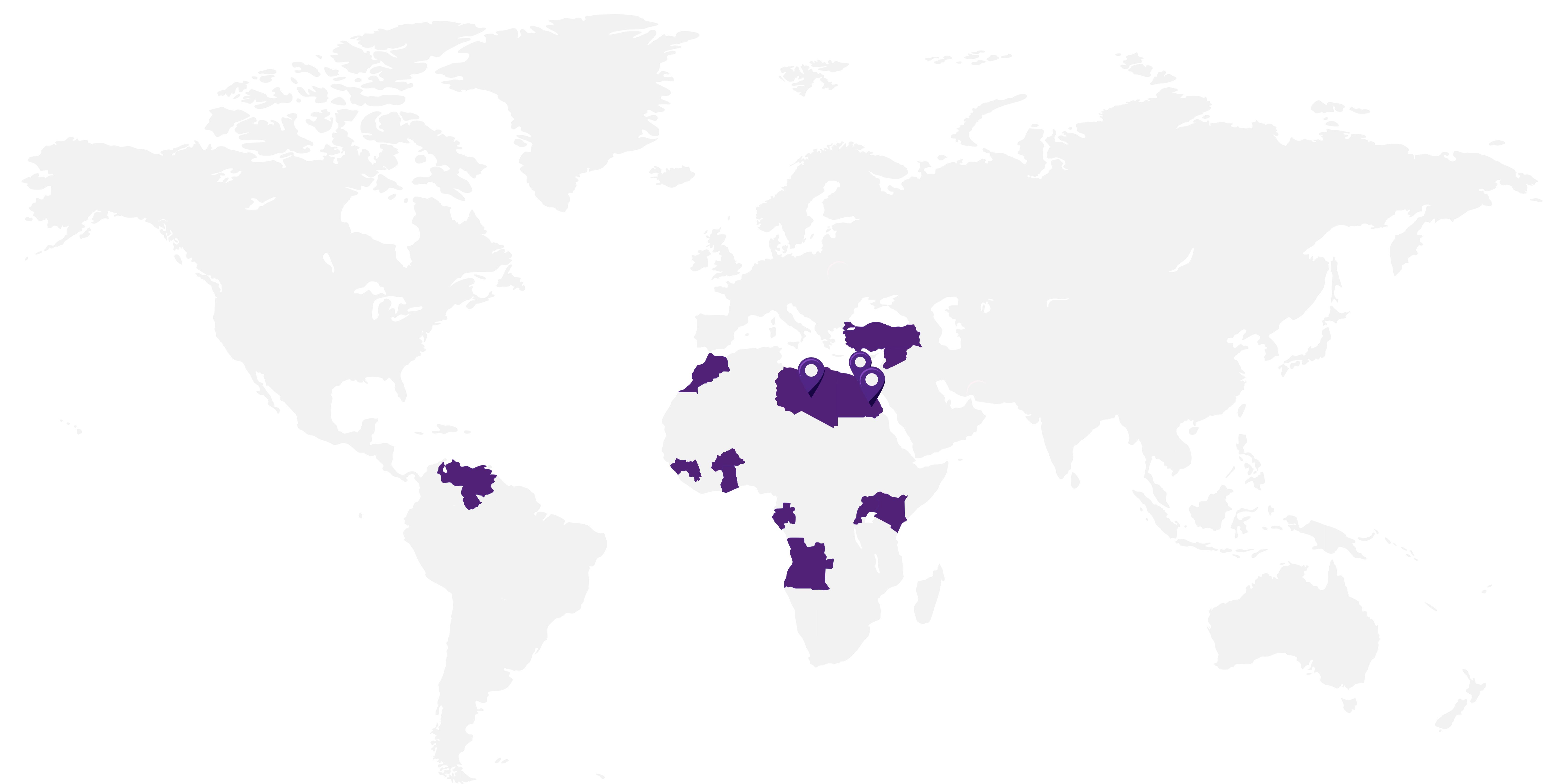


# GEOGRAPHICAL PRESENCE



OUR FACTORIES

EGYPT  
LIBYA



OUR PRESENCE

## AFRICA:

MADAGASCAR	CONGO
RWANDA	GABON
TANZANIA	CAMEROON
UGANDA	IVORY COAST
GHANA	MOZAMBIQUE
ANGOLA	BENIN
GUINEA	

## MIDDLE EAST:

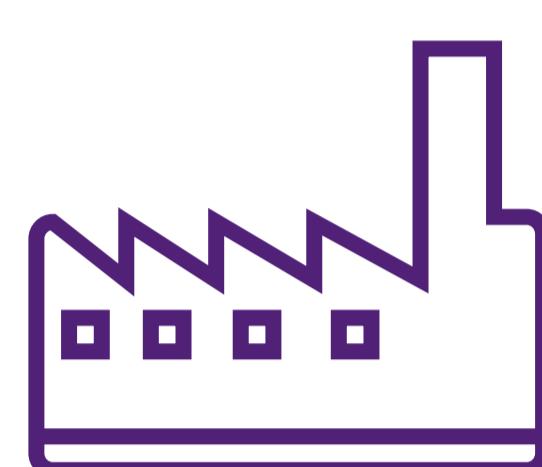
LEBANON
SYRIA
TURKEY
JORDAN
MOROCCO

## SOUTH AMERICA:

VENEZUELA
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# PACHIN INFRASTRUCTURE:

## Factories



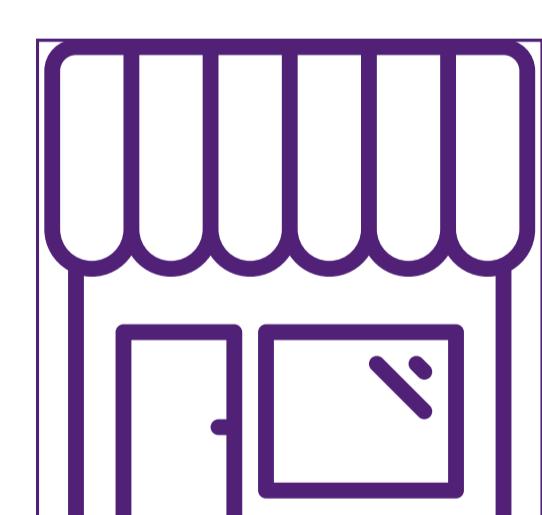
Our three state of the art factories, located in **Alexandria, Obour, and Libya**, utilize cutting edge technology and adhere to stringent quality control standards to produce premium paints and coatings that meet the diverse needs of our customers.

## Distribution Fleet



Our dedicated fleet of **over 60 fully equipped trucks** operates daily, facilitating the timely and efficient delivery of our products to customers across Egypt. This robust distribution network ensures that our paints and coatings are readily available when and where they are needed.

## Tinting Centers



PACHIN boasts an extensive network of over **250 tinting centers** strategically located throughout Egypt, ensuring convenient access to our wide range of paint colors and finishes for customers across the country.

## Branches



PACHIN operates four strategically located branches in **Luxor, Tanta, Asyut, and Beni Suef**. These branches serve as regional hubs for sales, distribution, and customer support, ensuring a seamless experience for our valued clients.

# PACHIN ALKYD RESINS

## A Legacy of Excellence in Coatings

For over six decades, Pachin Paints has been a pioneer in the coatings industry, renowned for its commitment to quality, innovation, and customer satisfaction. Our alkyd resins, a cornerstone of our product portfolio, exemplify this dedication.

### What are Alkyd Resins?

Alkyd resins are versatile and durable polymers widely used in various coatings applications. Created by reacting polyols, polybasic acids, and oil or fatty acids, alkyd resins offer excellent adhesion, gloss, durability, and chemical resistance.

### Pachin's Alkyd Expertise

Pachin's expertise in alkyd resin technology is unmatched. We offer a wide range of alkyd resins tailored to meet diverse customer needs, from decorative coatings to industrial applications. Our resins are formulated to deliver superior performance, ensuring long-lasting protection and aesthetic appeal.

### Quality Assurance

Pachin's commitment to quality is reflected in our certifications, including ISO and ASTM standards. You can trust that our alkyd resins are manufactured with the utmost care and precision.



# PACHIN ALKYD RESINS

[Check the Full List](#)[VIEW FULL LIST](#)

## Featured Alkyd Resins

In this brochure, we showcase some of our most popular and best-selling alkyd resins. These resins have been meticulously developed and tested to meet the highest industry standards, providing exceptional value and performance for our customers.

## Your Partner in Coatings

Whether you're looking for a specific alkyd resin or need guidance in selecting the right product for your application, Pachin is your trusted partner. Our experienced team is ready to assist you every step of the way.

### Best-selling alkyd resins

#### LONG ALKYD RESIN

High oil content (56-70%).flexible, and provide excellent gloss and durability. Used in high-quality exterior paints and marine coatings.

#### MEDIUM ALKYD RESIN

Moderate oil content (46-55%) . Balance drying time, hardness, and flexibility. Used in architectural enamels, varnishes, and interior/exterior paints.

#### SHORT ALKYD RESIN

Low oil content (<46%). They dry quickly and form hard, durable films. Used in primers, fast-drying enamels, and industrial coatings.

#### URETHANE ALKYDS

Alkyds modified with urethane groups. This enhances hardness, chemical resistance, and durability. Used in floor coatings, automotive finishes, and high-performance coatings.

# PACHIN ALKYD RESINS

## LONG ALKYD RESIN

# 10927

### Characteristics

Long alkyd resin based on Soya bean oil

### Form supplied

70 % in white spirit

### Composition of the solid resin

Oil type	Soya bean oil
Oil content	59 %
Phthalic anhydride content	27 %
Type of polyol	Pentaerythritol & Glycerol

### Product data and specification

Product data and specification	Unit	Value	Method
Viscosity at 25 °C	Gardner scale	Z6 – Z7	ASTM D1545
Color	Gardner scale	Max. 5	ASTM D1544
Acid value (as such)	mg KOH/g	Max. 7	ASTM D1980
Non volatile	%	70 ± 1	ASTM D1644

### Properties and uses

- Good initial gloss and gloss retention.
- High quality, High build interior and exterior architectural enamels.

### Storage Conditions

**10927** should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 10 °C & 40 °C. Exposure to sunshine should be avoided.

### Stability

Under the above mentioned storage conditions the stability of 10927 will be one year ex-works

### The recommended drier percentage is :-

Drier combination 0.5% Lead octoate(36%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%)  
 OR 0.2% Zirconium octoate(12%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%).  
 - The percentage of driers are calculated as metal on the quantity of the vehicle (solid matter).  
 - These percentages are, however, very dependent upon the type of vehicle.

# PACHIN ALKYD RESINS

## LONG ALKYD RESIN

# 10925/2

### Characteristics

Long alkyd resin based on Soya bean oil

### Form supplied

71 % in white spirit

### Composition of the solid resin

Oil type	Soya bean oil
Oil content	59 %
Phthalic anhydride content	27 %
Type of polyol	Pentaerythritol & Glycerol

### Product data and specification

	Unit	Value	Method
Viscosity at 25 °C	Gardner scale	Z9 - Z10	ASTM D1545
Color	Gardner scale	Max. 5	ASTM D1544
Acid value (as such)	mg KOH/g	Max. 7	ASTM D1980
Non volatile	%	71 ± 1	ASTM D1644

### Properties and uses

- Good initial gloss and gloss retention.
- High quality, High build interior and exterior architectural enamels.

### Storage Conditions

10925/2 should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 10 °C & 40 °C.  
Exposure to sunshine should be avoided.

### Stability

Under the above mentioned storage conditions the stability of 10925/2 will be one year ex-works.

### The recommended drier percentage is :-

Drier combination 0.5% Lead octoate(36%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%) OR 0.2% Zirconium octoate(12%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%).

- The percentage of driers are calculated as metal on the quantity of the vehicle (solid matter).
- These percentages are, however, very dependent upon the type of vehicle.

# PACHIN ALKYD RESINS

## LONG ALKYD RESIN

# 10929/2

### Characteristics

Long alkyd resin based on Soya bean oil

### Form supplied

70 % in white spirit

### Composition of the solid resin

Oil type	Soya bean oil
Oil content	59 %
Phthalic anhydride content	27 %
Type of polyol	Pentaerythritol & Glycerol

### Product data and specification

Product data and specification	Unit	Value	Method
Viscosity at 25 °C	Gardner scale	Z7 – Z8	ASTM D1545
Color	Gardner scale	Max. 5	ASTM D1544
Acid value (as such)	mg KOH/g	Max. 7	ASTM D1980
Non volatile	%	70 ± 1	ASTM D1644

### Properties and uses

- Good initial gloss and gloss retention.
- High quality, High build interior and exterior architectural enamels.

### Storage Conditions

**10929/2** should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 10 °C & 40 °C. Exposure to sunshine should be avoided.

### Stability

Under the above mentioned storage conditions the stability of 10929/2 will be one year ex-works

### The recommended drier percentage is :-

Drier combination 0.5% Lead octoate(36%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%) OR 0.2% Zirconium octoate(12%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%).

- The percentage of driers are calculated as metal on the quantity of the vehicle (solid matter).
- These percentages are, however, very dependent upon the type of vehicle.

# PACHIN ALKYD RESINS

## LONG ALKYD RESIN 20526

### Characteristics

Long alkyd resin based on Soya bean oil

### Form supplied

61 % in white spirit

### Composition of the solid resin

Oil type	Soya bean oil
Oil content	62 %
Phthalic anhydride content	25 %
Type of polyol	Pentaerythritol & Glycerol

### Product data and specification

Product data and specification	Unit	Value	Method
Viscosity at 25 °C	Gardner scale	X – Y	ASTM D1545
Color	Gardner scale	Max. 4	ASTM D1544
Acid value (as such)	mg KOH/g	Max. 7	ASTM D1980
Non volatile	%	61 ± 2	ASTM D1644

### Properties and uses

- Good initial gloss and gloss retention.
- High quality, High build interior and exterior architectural enamels.

### Storage Conditions

**20526** should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 10 °C & 40 °C. Exposure to sunshine should be avoided.

### Stability

Under the above mentioned storage conditions the stability of 20526 will be one year ex-works.

### The recommended drier percentage is :-

Drier combination 0.5% Lead octoate(36%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%) OR 0.2% Zirconium octoate(12%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%).

- The percentage of driers are calculated as metal on the quantity of the vehicle (solid matter).
- These percentages are, however, very dependent upon the type of vehicle.

# PACHIN ALKYD RESINS

## LONG ALKYD RESIN

# 10928

### Characteristics

Long alkyd resin based on Soya bean oil

### Form supplied

71 % in white spirit

### Composition of the solid resin

Oil type	Soya bean oil
Oil content	59 %
Phthalic anhydride content	27 %
Type of polyol	Pentaerythritol & Glycerol

### Product data and specification

Product data and specification	Unit	Value	Method
Viscosity at 25 °C	Gardner scale	Z4 - Z5	ASTM D1545
Color	Gardner scale	Max. 5	ASTM D1544
Acid value (as such)	mg KOH/g	Max. 7	ASTM D1980
Non volatile	%	71 ± 2	ASTM D1644

### Properties and uses

- Good initial gloss and gloss retention.
- High quality, High build interior and exterior architectural enamels.

### Storage Conditions

**10928** should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 10 °C & 40 °C. Exposure to sunshine should be avoided.

### Stability

Under the above mentioned storage conditions the stability of 10928 will be one year ex-works.

### The recommended drier percentage is :-

Drier combination 0.5% Lead octoate(36%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%) OR 0.2% Zirconium octoate(12%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%).

- The percentage of driers are calculated as metal on the quantity of the vehicle (solid matter).
- These percentages are, however, very dependent upon the type of vehicle.

# PACHIN ALKYD RESINS

## LONG ALKYD RESIN NRL 55E

### Characteristics

Long alkyd resin based on soya bean fatty acid

### Form supplied

55 % in white spirit

### Composition of the solid resin

Oil type	soya bean fatty acid
Oil content	61 %
Phthalic anhydride content	21 %
Type of polyol	Pentaerythritol

### Product data and specification

Product data and specification	Unit	Value	Method
Viscosity at 25 °C (as such)	Gardner scale	Y-Z	ASTM D1545
Color (as such)	Gardner scale	Max.3	ASTM D1544
Acid value (as such)	mg KOH/g	Max. 7	ASTM D1980
Non volatile	%	55 ± 1	ASTM D1644

### Properties and uses

- Good initial gloss and gloss retention.
- High quality, High build interior and exterior architectural enamels.

### Storage Conditions

**NRL 55E** should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 10 °C & 40 °C. Exposure to sunshine should be avoided.

### Stability

Under the above mentioned storage conditions the stability of **NRL 55E** will be one year ex-works.

### The recommended drier percentage is :-

Drier combination 0.5% Lead octoate(36%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%) OR 0.2% Zirconium octoate(12%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%).  
 - The percentage of driers are calculated as metal on the quantity of the vehicle (solid matter).  
 - These percentages are, however, very dependent upon the type of vehicle.

# PACHIN ALKYD RESINS

## LONG ALKYD RESIN

# 20715/1

### Characteristics

Long alkyd resin based on sunflower fatty acid

### Form supplied

71 % in white spirit

### Composition of the solid resin

Oil type	Sunflower oil fatty acid
Oil content	60 %
Phthalic anhydride content	28 %
Type of polyol	Pentaerythritol

### Product data and specification

Product data and specification	Unit	Value	Method
Viscosity at 25 °C	Gardner scale	Z9 -Z10	ASTM D1545
Color	Gardner scale	Max. 5	ASTM D1544
Acid value (as such)	mg KOH/g	Max. 12	ASTM D1980
Non volatile	%	70 ± 1	ASTM D1644

### Properties and uses

- Good initial gloss and gloss retention.
- High quality, High build interior and exterior architectural enamels.

### Storage Conditions

20715/1 should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 10 °C & 40 °C. Exposure to sunshine should be avoided.

### Stability

Under the above mentioned storage conditions the stability of 20715/1 will be one year ex-works

### The recommended drier percentage is :-

Drier combination 0.5% Lead octoate(36%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%) OR 0.2% Zirconium octoate(12%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%).  
 - The percentage of driers are calculated as metal on the quantity of the vehicle (solid matter).  
 - These percentages are, however, very dependent upon the type of vehicle.

# PACHIN ALKYD RESINS

## LONG ALKYD RESIN 20530 HV

### Characteristics

Long alkyd resin based on Soya bean oil

### Form supplied

61 % in white spirit

### Composition of the solid resin

Oil type	Soya bean oil
Oil content	59 %
Phthalic anhydride content	27 %
Type of polyol	Pentaerythritol & Glycerol

### Product data and specification

Product data and specification	Unit	Value	Method
Viscosity at 25 °C	Gardner scale	Z4 – Z5	ASTM D1545
Color	Gardner scale	Max. 4	ASTM D1544
Acid value (as such)	mg KOH/g	Max. 7	ASTM D1980
Non volatile	%	61 ± 2	ASTM D1644

### Properties and uses

- Good initial gloss and gloss retention.
- High quality, High build interior and exterior architectural enamels.

### Storage Conditions

**20530 HV** should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 10 °C & 40 °C. Exposure to sunshine should be avoided

### Stability

Under the above mentioned storage conditions the stability of 20530 HV will be one year ex-works.

### The recommended drier percentage is :-

Drier combination 0.5% Lead octoate(36%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%) OR 0.2% Zirconium octoate(12%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%).

- The percentage of driers are calculated as metal on the quantity of the vehicle (solid matter).
- These percentages are, however, very dependent upon the type of vehicle.

# PACHIN ALKYD RESINS

## MEDIUM ALKYD RESIN

# 20563

### Characteristics

Medium alkyd resin based on Soya bean oil

### Form supplied

48% in white spirit

### Composition of the solid resin

Oil type	Soya bean oil
Oil content	53 %
Phthalic anhydride content	32 %
Type of polyol	Pentaerythritol & Glycerol

### Product data and specification

Product data and specification	Unit	Value	Method
Viscosity at 25 °C	Gardner scale	X – Y	ASTM D1545
Color	Gardner scale	Max. 4	ASTM D1544
Acid value (as such)	mg KOH/g	Max. 7	ASTM D1980
Non volatile	%	48 ± 2	ASTM D1644

### Properties and uses

- Used for exterior hood initial gloss and gloss retention.
- High quality, high build interior and exterior architectural enamels.

### Storage Conditions

**20563** should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 10 °C & 40 °C. Exposure to sunshine should be avoided.

### Stability

Under the above mentioned storage conditions the stability of 20563 will be one year ex-works.

### The recommended drier percentage is :-

Drier combination 0.5% Lead octoate(36%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%) OR 0.2% Zirconium octoate(12%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%).

- The percentage of driers are calculated as metal on the quantity of the vehicle (solid matter).
- These percentages are, however, very dependent upon the type of vehicle.

# PACHIN ALKYD RESINS

## MEDIUM ALKYD RESIN

# 20565/2

### Characteristics

Medium alkyd resin based on Soya bean oil

### Form supplied

61 % in white spirit

### Composition of the solid resin

Oil type	Soya bean oil
Oil content	53 %
Phthalic anhydride content	32 %
Type of polyol	Pentaerythritol & Glycerol

### Product data and specification

Product data and specification	Unit	Value	Method
Viscosity at 25 °C	Gardner scale	Z6 – Z7	ASTM D1545
Color	Gardner scale	Max. 5	ASTM D1544
Acid value (as such)	mg KOH/g	Max. 10	ASTM D1980
Non volatile	%	61 ± 2	ASTM D1644

### Properties and uses

- For Exterior Household coatings
- Good resistance to yellowing.

### Storage Conditions

**20565/2** should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 10 °C & 40 °C. Exposure to sunshine should be avoided

### Stability

Under the above mentioned storage conditions the stability of 20565/2 will be one year ex-works

### The recommended drier percentage is :-

Drier combination 0.5% Lead octoate(36%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%) OR 0.2% Zirconium octoate(12%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%).

- The percentage of driers are calculated as metal on the quantity of the vehicle (solid matter).
- These percentages are, however, very dependent upon the type of vehicle.

# **PACHIN ALKYD RESINS**

## **MEDIUM ALKYD RESIN**

# **20586**

### **Characteristics**

Medium alkyd resin based on Soya bean fatty acid

### **Form supplied**

70% in xylene/solvesso100 (1:1)

### **Composition of the solid resin**

Oil type	Soya fatty acid
Oil content	48 %
Phthalic anhydride content	29 %
Type of polyol	Pentaerythritol

### **Product data and specification**

Product data and specification	Unit	Value	Method
Viscosity at 25 °C (at 70% in xylene/solvesso100 (1:1))	Gardner scale	Z7 – Z8	ASTM D1545
Viscosity at 25 °C (at 60% in xylene/solvesso100 (1:1))	Gardner scale	Z2 – Z3	ASTM D1545
Color	Gardner scale	Max. 8	ASTM D1544
Acid value (as such)	mg KOH/g	Max. 10	ASTM D1980
Non volatile	%	70 ± 1	ASTM D1644

### **Properties and uses**

- Fast air drying .
- Very good color and color retention .
- General purpose finishes.
- Excellent hardness and durability on exterior exposure.
- Good resistance to water,oil and gasoline

### **Storage Conditions**

**20586** should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 10 °C & 40 °C. Exposure to sunshine should be avoided.

### **Stability**

Under the above mentioned storage conditions the stability of 20586 will be one year ex-works.

### **The recommended drier percentage is :-**

- Drier combination 0.5% Lead octoate(36%), 0.05% Cobalt octoate(10%) and 0.5% Calcium octoate(10%)
- The percentage of driers are calculated as metal on the quantity of the vehicle (solid matter).
- These percentages are, however, very dependent upon the type of vehicle.

# **PACHIN ALKYD RESINS**

## **SHORT ALKYD RESIN**

# **20386**

### **Characteristics**

Short alkyd resin based on soya bean oil

### **Form supplied**

60 % in Xylene

### **Composition of the solid resin**

Oil type	Soya bean oil
Oil content	36 %
Phthalic anhydride content	31 %
Type of polyol	Pentaerythritol

### **Product data and specification**

	<b>Unit</b>	<b>Value</b>	<b>Method</b>
Viscosity at 25 °C	Gardner scale	Z6 – Z7	ASTM D1545
Color	Gardner scale	Max. 5	ASTM D1544
Acid value (as such)	mg KOH/g	Max. 7	ASTM D1980
Non volatile	%	60 ± 1	ASTM D1644

### **Properties and uses**

- Rapid air drying industrial paints.
- High gloss and good gloss retention.

### **Storage Conditions**

**20386** should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 10 °C & 40 °C. Exposure to sunshine should be avoided.

### **Stability**

Under the above mentioned storage conditions the stability of 20386 will be one year ex-works.

### **The recommended drier percentage is :-**

- Drier combination 0.5% Lead octoate(36%), 0.09% Cobalt octoate(10%) and 0.3% Calcium octoate(10%) OR 0.2% Zirconium octoate(12%), 0.09% Cobalt octoate(10%) and 0.3% Calcium octoate(10%).
- The percentage of driers are calculated as metal on the quantity of the vehicle (solid matter).
- These percentages are, however, very dependent upon the type of vehicle.

# PACHIN ALKYD RESINS

## SHORT ALKYD RESIN

# 20957

### Characteristics

Chain stopped short alkyd resin based on soya bean oil

### Form supplied

60 % in Xylene

### Composition of the solid resin

Oil type	Soya bean oil
Oil content	35 %
Phthalic anhydride content	30 %
Type of polyol	Pentaerythritol

### Product data and specification

Product data and specification	Unit	Value	Method
Viscosity at 25 °C	Gardner scale	Z7-Z8	ASTM D1545
Viscosity at 25 °C	Gardner scale	Y-Z	ASTM D1545
Color	Gardner scale	Max. 6	ASTM D1544
Acid value (as such)	mg KOH/g	Max. 12	ASTM D1980
Non volatile	%	60 ± 1	ASTM D1644
OH Content	%	3	—

### Properties and uses

- Air drying industrial paints.
- Corrosion resistance primers.
- High gloss and good gloss retention.
- 2K PU wood finish.

### Storage Conditions

20957 should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 10 °C & 40 °C. Exposure to sunshine should be avoided

### Stability

Under the above mentioned storage conditions the stability of 20957 will be one year ex-works.

### The recommended drier percentage is :-

- \* Drier combination 0.5% Lead octoate(36%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%) OR 0.2% Zirconium octoate(12%), 0.09% Cobalt octoate(10%)and 0.2% Calcium octoate(10%).
- The percentage of driers are calculated as metal on the quantity of the vehicle (solid matter).
- These percentages are, however, very dependent upon the type of vehicle.

# PACHIN ALKYD RESINS

## URETHANE ALKYDS

# 20621/2

### Characteristics

Urethane alkyd resin based on soya bean oil .

### Form supplied

61 % in white spirit

### Composition of the solid resin

Oil type	soya bean oil
Oil content	60 %
Polyol type	Pentaerythritol

### Product data and specification

Product data and specification	Unit	Value	Method
Viscosity at 25 °C	Gardner scale	Z4 – Z5	ASTM D1545
Color	Gardner scale	Max. 6	ASTM D1544
Acid value (as such)	mg KOH/g	Max. 1	ASTM D1980
Non volatile	%	61 ± 2	ASTM D1644

### Properties and uses

- fast air drying, excellent film hardness, High gloss and excellent flexibility
- Suitable binder for parquet varnishes.
- Varnishes based on 20621/2 can easily matted with the common matting agents

### Storage Conditions

**20621/2** should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 10 °C & 40 °C. Exposure to sunshine should be avoided.

### Stability

Under the above mentioned storage conditions the stability of 20621/2 will be one year ex-works.

### The recommended drier percentage is :-

Drier combination 0.5% Lead octoate(36%), 0.09% Cobalt octoate(10%) and 0.2% Calcium octoate(10%) OR 0.2% Zirconium octoate(12%), 0.09% Cobalt octoate(10%)and 0.2% Calcium octoate(10%).

- The percentage of driers are calculated as metal on the quantity of the vehicle (solid matter).
- These percentages are, however, very dependent upon the type of vehicle.

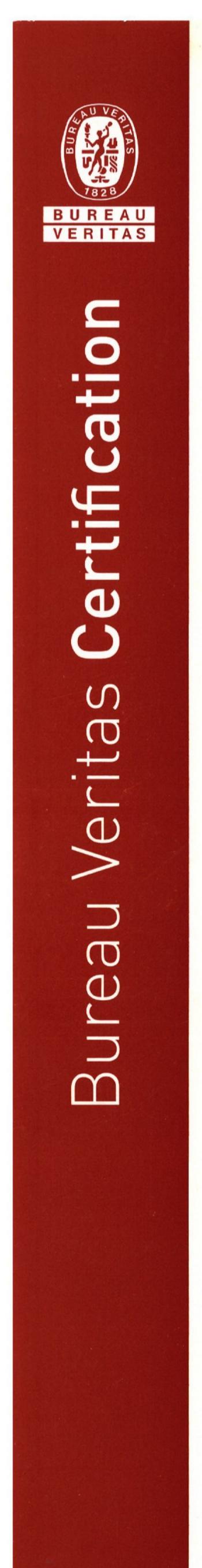
# PACHIN'S COMMITMENT TO QUALITY AND SUSTAINABILITY

Pachin's dedication to excellence extends beyond product performance.

## We are proud to hold

ISO 14001 (Environmental Management),  
ISO 9001 (Quality Management),  
ISO 45001 (Occupational Health and Safety).

These certifications underscore our commitment to minimizing our environmental impact, ensuring consistent product quality, and prioritizing the well-being of our employees.



Elobour paints and chemical industries co.

First industrial zone, Elobour, Egypt

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 45001:2018

Scope of certification

Design, Production and sales of decorative paints, industrial resins & industrial paints & printing Inks .

Original Cycle Start Date: 25-02-2020  
Expiry Date of Previous Cycle: 14-11-2022  
Certification / Recertification Audit date: 22-09-2022  
Certification / Recertification cycle start date: 14-11-2022  
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 14-11-2025  
Certificate No.: EG002417 Version: 1 Issue date: 14-12-2022

Signed on behalf of BVCH SAS UK Branch

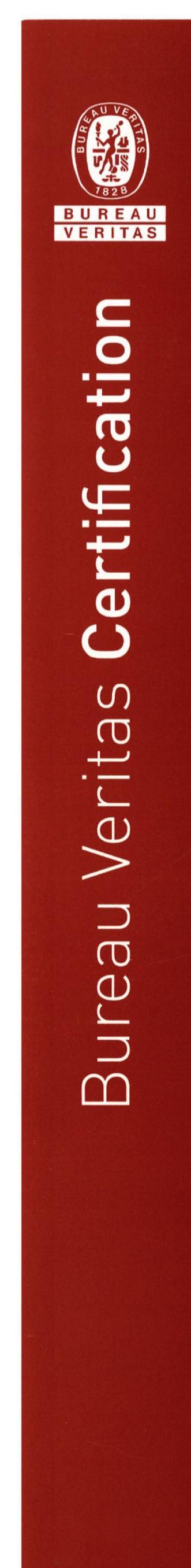


0008

Certification Body Address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom  
Local Office: Bureau Veritas Egypt, 51 Hassan Aflaton Street, Ard El-Goli Nasr City, Cairo, Egypt

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +202 24183020 / +202 24182998

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Elobour paints and chemical industries co.

First industrial zone, Elobour, Egypt

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification

Design, Production and sales of decorative paints, industrial resins & industrial paints & printing Inks .

Original Cycle Start Date: 15-11-2005  
Expiry Date of Previous Cycle: 14-11-2022  
Certification / Recertification Audit date: 22-09-2022  
Certification / Recertification cycle start date: 14-12-2022  
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 25-11-2025  
Certificate No.: EG002415 Version: 1 Issue date: 14-12-2022

Signed on behalf of BVCH SAS UK Branch



0008

Certification Body Address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom  
Local Office: Bureau Veritas Egypt, 51 Hassan Aflaton Street, Ard El-Goli Nasr City, Cairo, Egypt

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +202 24183020 / +202 24182998

1/1



Elobour paints and chemical industries co.

First industrial zone, Elobour, Egypt

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 14001:2015

Scope of certification

Design, Production and sales of decorative paints, industrial resins & industrial paints & printing Inks .

Original Cycle Start Date: 15-11-2005  
Expiry Date of Previous Cycle: 14-11-2022  
Certification / Recertification Audit date: 22-09-2022  
Certification / Recertification cycle start date: 14-12-2022  
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 14-11-2025  
Certificate No.: EG002416 Version: 1 Issue date: 14-12-2022

Signed on behalf of BVCH SAS UK Branch



0008

Certification Body Address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom  
Local Office: Bureau Veritas Egypt, 51 Hassan Aflaton Street, Ard El-Goli Nasr City, Cairo, Egypt

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +202 24183020 / +202 24182998

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# PACHIN WEBSITE

Explore our website for a comprehensive resource on all our products and their technical data sheets (TDS). You'll also find our brand guidelines, a valuable tool for maintaining consistency in your marketing efforts.

Interested in becoming a certified Pachin tinting center? Submit your online application directly through our website.

Stay ahead of the curve with our product photo gallery, showcasing the latest color trends and inspiring ideas for your projects.

[WWW.PACHIN.NET](http://WWW.PACHIN.NET)





THANK  
YOU