



Company Introduction



4.7

Billion Usd

2022 Combined
Turnover



800

Million Usd

2022 Export
Sales



AKKÖK
HOLDİNG

6000+

Employees



23
Companies

Chemicals, Energy,
Real Estates, Textiles
and Services



AKKÖK
HOLDİNG

CHEMICALS

akcoat

Akkim

DOWAKSA

AKSA

EPSILON
COMPOSITES

ENERGY

akcez

sepaş enerji

akenerji

sedaş

REAL ESTATE

akmerkez

AKIŞ
—GYO—

akasya

akbatı
avym

KidZania

SERVICE

AK-PA

aktek

40
yıl
DINKAL

paper moon

akyaşam

1979



- Establishment and the first production of frits
- Capacity 250 tons/year



- First production of pigments
- Establishment of R&D department in 1998

1985-1988

1990

- Production of electrostatic powders



- First Export Sales

1995



Acquisition of Megacolor, Spain

2017

- Lean 6 sigma
- R&D Center Certificate
- Turquality support
- First production and export sales of sol-gel ceramics in Turkey
- Leader in the export sales of Paints, varnishes and inks



- First export sales of Ceramic Frit
- Production of non-stick coatings
- Investment in inkjets
- Leader in the export sales of paints, varnishes and inks
- Joined to Akkök Group

2015-2016

2011-2013

- New production facility opening
- Production of glass frits
- Leader in the export sales of paints, varnishes and inks



- Production of ceramic frits
- Export sales leader of paints, varnishes and Inks

2005-2008

2018

- First export sales of ceramics
- First production and export sales of ceramic pigments
- Authorized economic operator certification
- Record-breaking sales with 4998 tons/month



- First exports sales of organic coatings
- Leader in the export sales of paints, varnishes, and inks

2019

2020

- Company name change
- Establishment of glass coating materials department



2021

- Opening of the new R&D Center
- CEO Water Mandate and UN Global Compact membership



2022

- First sustainability report
- Wild Life Rescue project
- Lessbox project
- Alfa de Oro and Liderpack awards
- Zero Waste Certificate



Leader in Turkish ceramic frit market



Leader in Türkiye and the world 2nd largest manufacturer in the market of enamel frit



5 Product Groups



Production Facilities in Türkiye and Spain with 500+ employees



Export Sales to 65 countries in 6 continents



Facility Area 100.000 m²
Production of 155.000 tons



1000+product range



First R&D Center in the Turkish Coating Industry

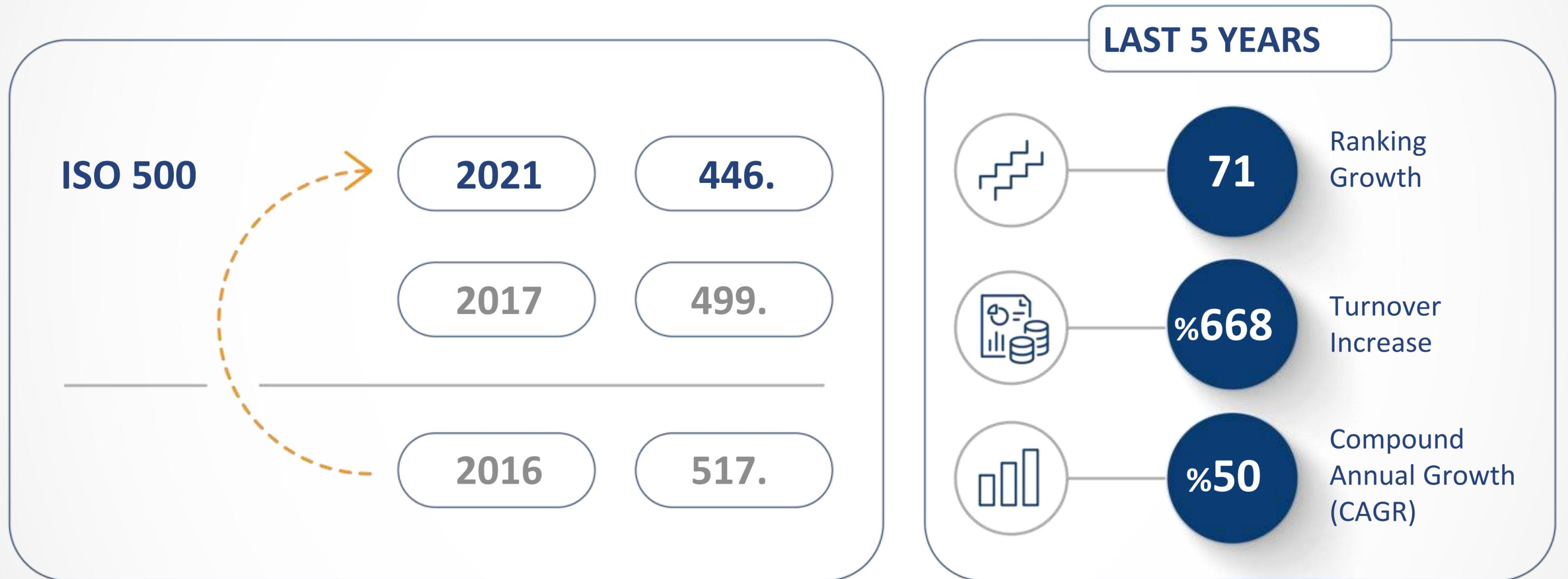


Listed in ISO 500, and Fortune 500



Global Solution Partner

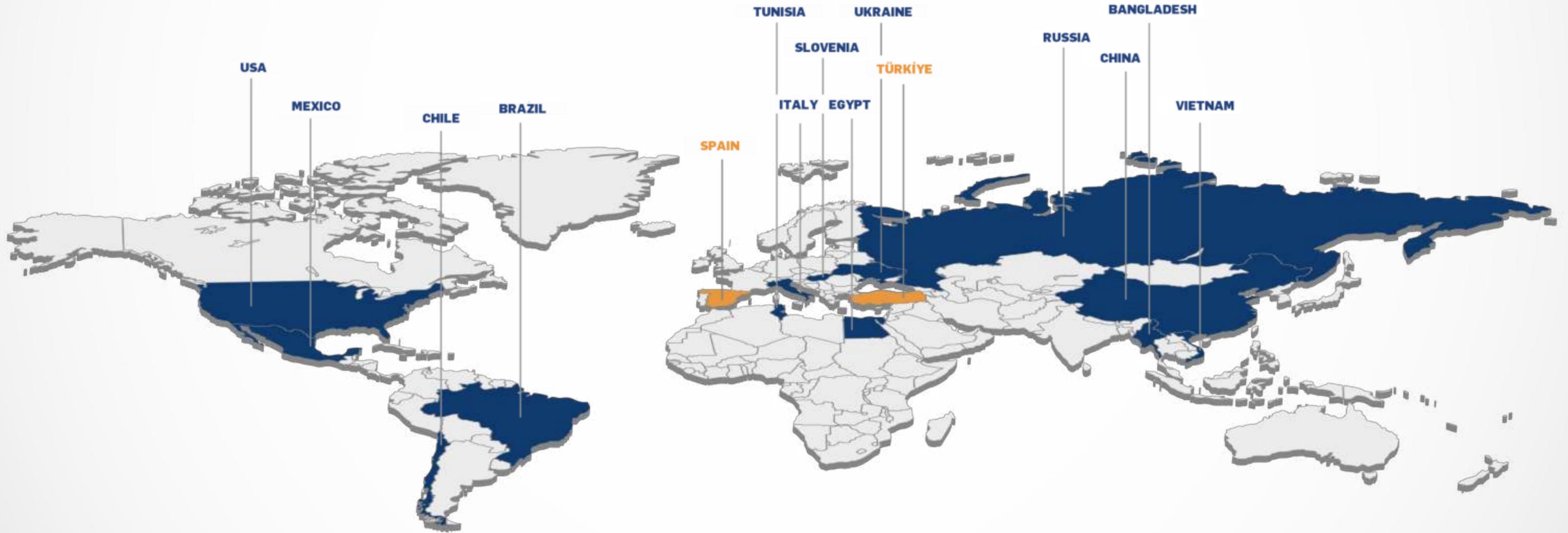
Türkiye's Top 500 Industrial Enterprises



ISO 500 research, only covers total sales obtained from the domestic production plants of the companies.



Production Facilities, and Offices



Akcoat Spain



Megacolor, formerly known as a producer of inorganic pigments and ceramic digital inks in the Castellon region, widely recognized as the Silicon Valley of ceramic materials, underwent a transformation in 2018 when it merged with Akcoat. Subsequently, the company rebranded itself as Akcoat Spain.

Since the merger, Akcoat, along with its subsidiaries in Mexico, China, India, and Russia, has evolved into a comprehensive provider of solutions within the ceramic product sector. With expertise spanning glazes, frits, digital inks, and pigments, Akcoat sets industry trends and leads the way in delivering integrated solutions to its customers.

Innovation

Akcoat
R&D Center

The R&D Center Certificate was approved by the Ministry of Science, Industry and Technology on 20 December 2017.



15

Completed
TUBİTAK Projects

149

Completed
R&D Projects

40

Ongoing
R&D Projects

2

Projects under
evaluation

81

Patent
Applications

88

Design
Registrations

76

International
Publications, Papers,
and Presentations

6

Recognized as the
6th Best R&D
Center in Turkey *

3

Among the Top 3 R&D
Centers in the Chemical-
Material Sector



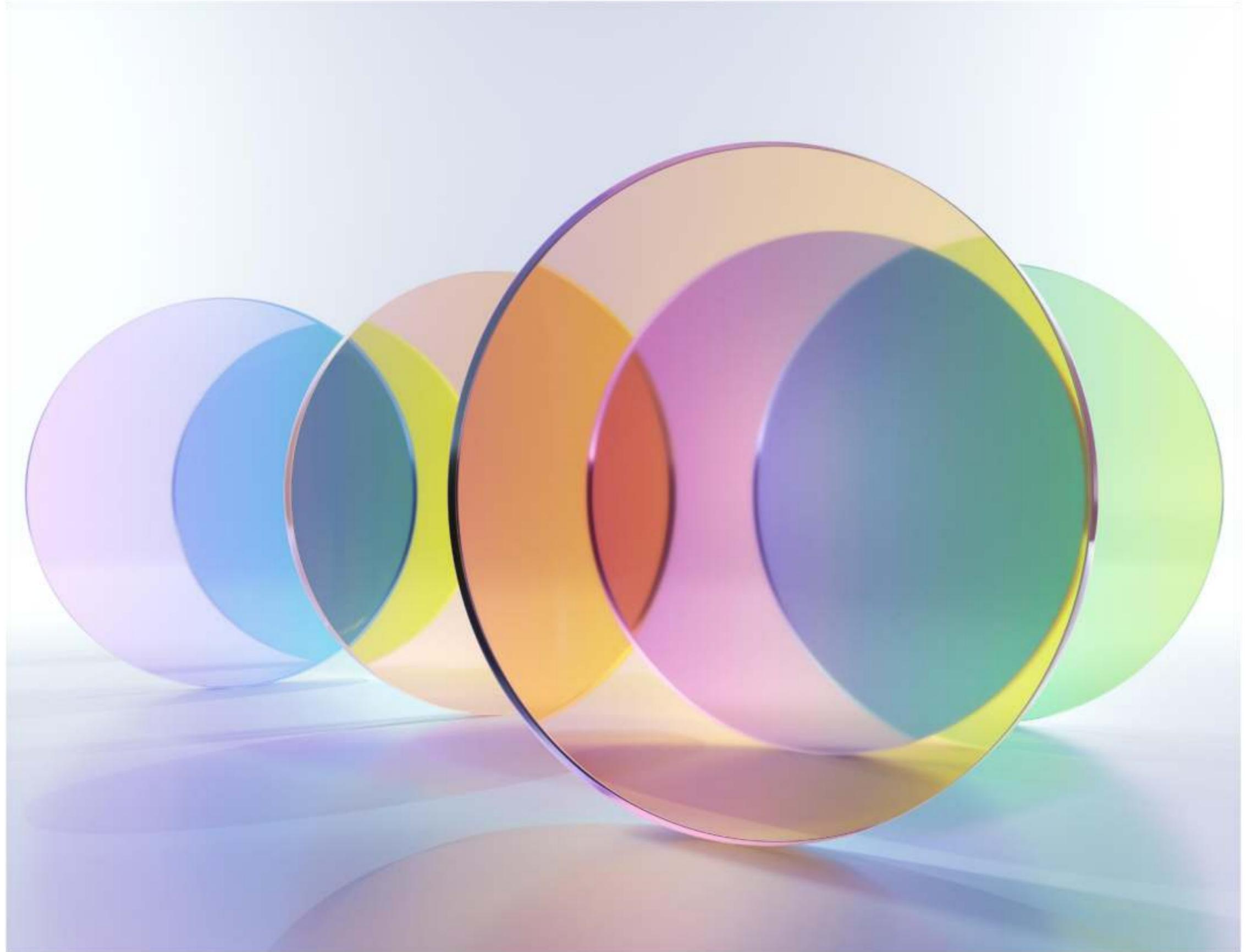
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* Ministry of Industry and Technology 2020 R&D Centers Index Report

Glass Coatings



Global Solution Partner



Glass Coatings



Glass Frits

Zinc Based

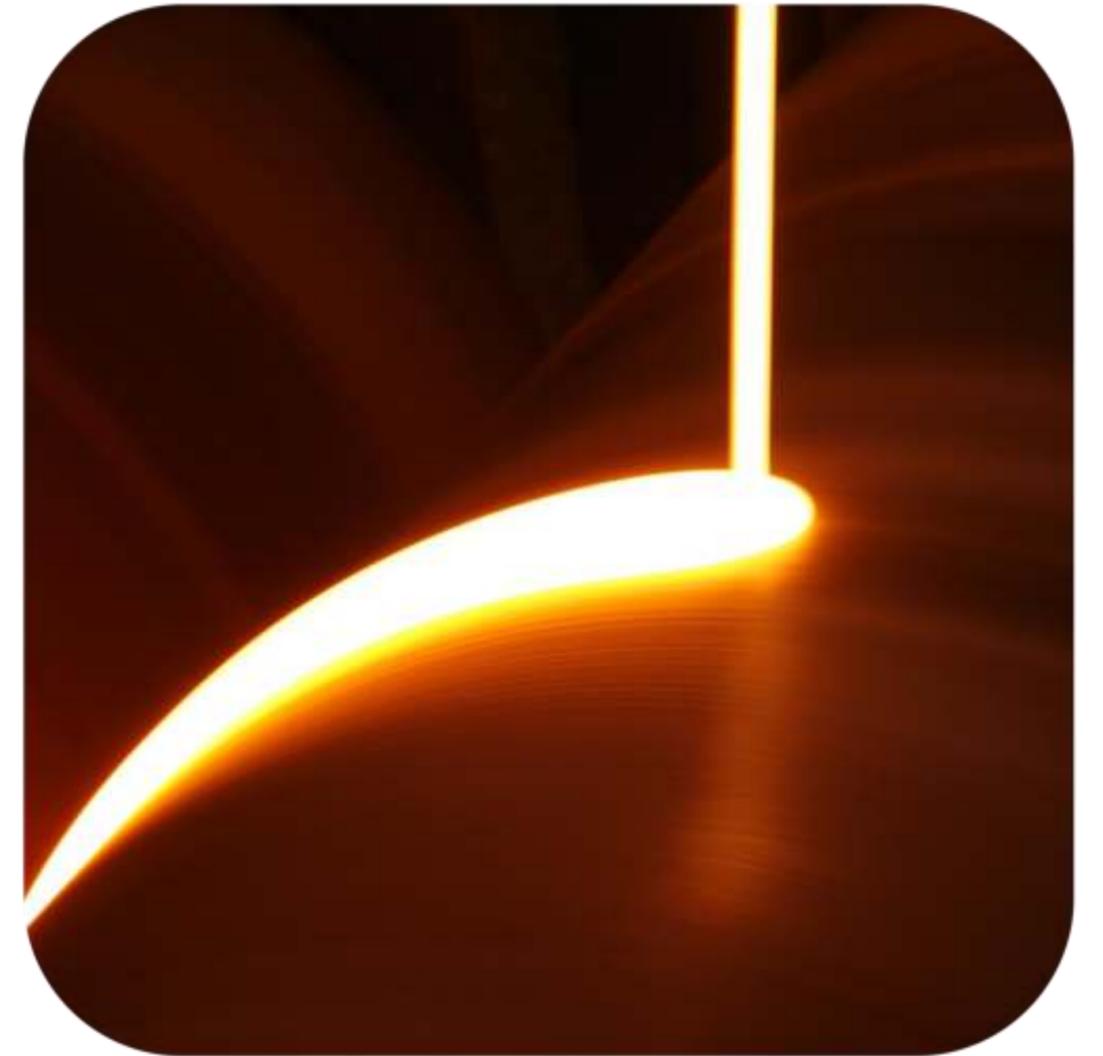
- Wide temperature range of tempering
- Glossy and matte choices

Bismuth Frit

- High chemical resistance
- High UV stability and opacity

Forehearth Coloring Frits

- Energy saving with low melting temperature
- High efficiency thanks to low consumption
- High mechanical strength
- Environmentally friendly
- Refractory protector
- Stable colors



Glass Coatings



Glass Paints



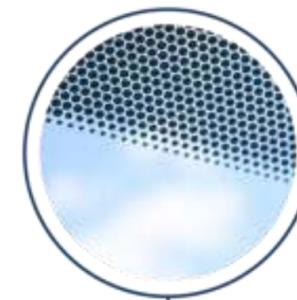
Household Appliances

Bismuth Based Glass Enamels Zinc Based Glass Enamels



Decorative Lines

Paints for Decorative and Architectural Applications



Automotive Glass

Automotive Windshield Paints After Market Glass Paints



Glass Packaging

Thermoplastic Paints



Glassware

Pad Printing Paints Flux



Unique Technology

Shatter Proof Dual Print **Print**

Glass Coatings



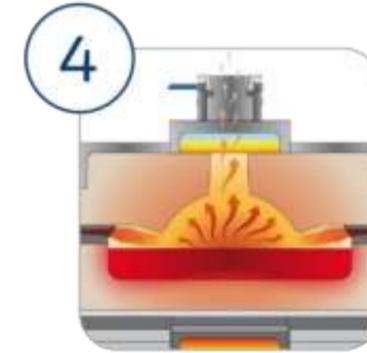
Glass Paints

By Application Method



Serigraphy

- High opacity
- Homogenous surface
- Easy and fast method



Forehearth Coloring

- Cost-effective coloration
- Increased productivity
- Reduced contamination risk



Roller Coating

- Better surface quality
- Surface quality can be adjusted for the product that customers desires



Digital Print

- Advanced Coating Method
- Reduces Color Matching Time
- Design Variations



Pad Printing

- Lower Firing Temperature
- Glossy & Vivid Colors
- Ultimate washing machine resistance
- Applicable on curved surfaces



Spray Application

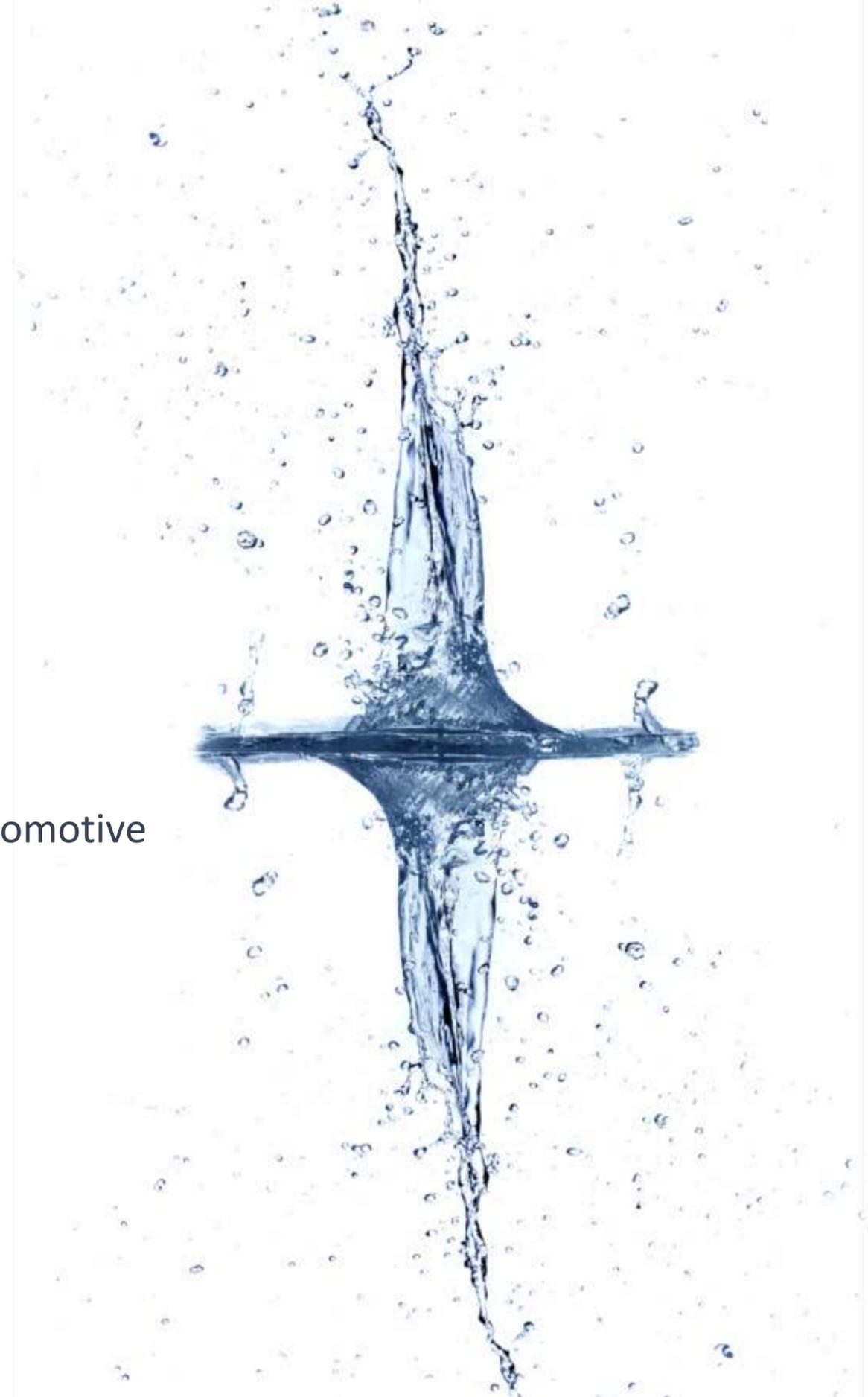
- Great automatization
- Homogeneous appearance
- Practical products

Glass Coatings



Mediums

1. Pad Printing Medium
 - Homogeneous distribution
2. Water-Friendly IR Medium
 - Production efficiency
3. Oil Based IR medium for automotive
 - Passed relevant quality tests in the automotive industry with full approval



THANK YOU

