

Beyond Heritage *comes* **SUSONITY**

1° PCE: Powder Coatings Evolution
1° PLA: Powder and Liquid Anticorrosion

Milan , February 25th 2026

BEYOND EFFECTS



1

The Home of Effect Pigments



- ✓ SUSONITY, home of effect pigments, is the global market leader in effect, active & functional pigments for cosmetics, automotive, plastics, printing and packaging / coating markets
- ✓ Offers some 1,500 pearlescent & functional pigments and cosmetic ingredients, both standard and customer specific, based on a wide range of substrates, techniques and surface treatments
- ✓ Owns 3 production plants, in Germany, USA and Japan
- ✓ Sales, Marketing & Technical Service network with global reach (160+ countries), covering all product levels, requirements, tests and sustainability & regulatory demands
- ✓ SUSONITY, developing surface solutions since 1959, with headquarters in Darmstadt, Germany and a global network of local offices

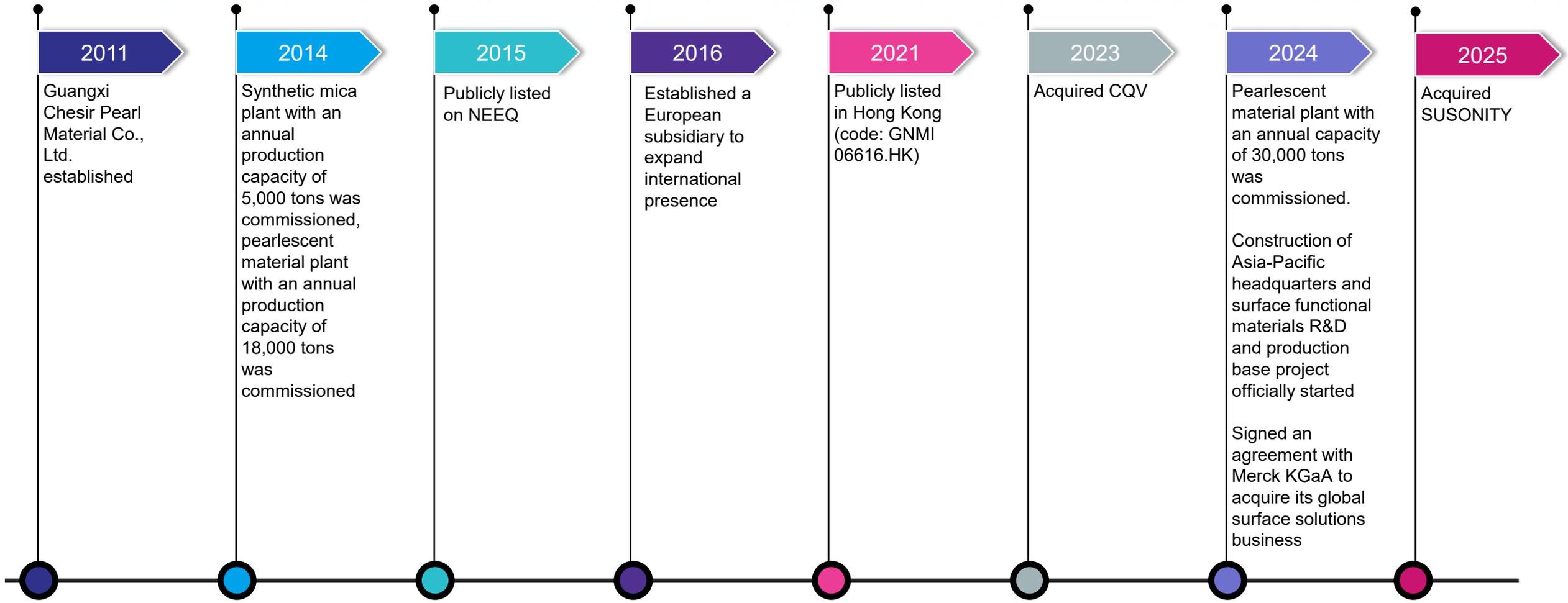


- ✓ Chesir is the No.1 pearlescent pigment producer in China
- ✓ Offers 1,179 pearlescent pigment products which mainly include synthetic mica-based products, natural mica-based products, glass flake-based products, and silicon oxide-based products
- ✓ Owns 3 production plants in China
- ✓ Has marketing network covering major countries in the world, and its products are exported to 100+ countries and regions around the world
- ✓ Founded in 2011, headquartered in Guangxi, China and listed in Hong Kong



- ✓ CQV, a Korean manufacturer of pearlescent pigments, was partially acquired by Global New Material International Holdings in 2023. In Dec 2025, GNMI raised its ownership to 50.75%.
- ✓ Offers 993 pearlescent pigment products which mainly include synthetic mica-based products, natural mica-based products, glass flake-based products, and aluminum oxide-based products
- ✓ Owns 3 production plants in Korea
- ✓ Sales service network is present in 150+ countries across all continents, including Korea, China, Japan, Australia, US, Brazil, UK, France
- ✓ Founded in 2000, it is headquartered and listed in Korea

GNMI Corporate History



The name and its meaning

SUSONITY

Our new name starts with our focus on **surface solutions**. The word creation encapsulates **key qualities** that form the very foundation **of the new brand**.

The acronym **SUSO** stands for **surface solution**, while **ITY** represents the infinity of possibilities and a broader scope of competences and expertise that the brand represents.

SURFACE SOLUTIONS

SUSONITY

INFINITY
RELIABILITY
PERSONALITY
CREATIVITY
AGILITY
OPPORTUNITY

...

Our Colorful Journey

Beyond Heritage comes Susonity

1959

Start production in Gernsheim, Germany
First pearlescent pigments as Iriodin®

1965

Development of new metal oxide pigments
Global market leadership and sales

1975

Launch of Rona® brands
Entry to USA cosmetics market

1977

Entry global plastics market

1984

Opening plant in Onahama, Japan

1986

First cars with Iriodin® coatings

1991

Market share of 60% in automotive coatings

1996

First pigments for laser marking - Lazerflair®

2000/2001

Launch of Xirallic® and Xirona® for automotive and cosmetic markets

2002

Launch of Colorstream® with unique color flop effects

2005

Launch of Actives pigments for healthy skins

2024

Introduction of Instrumental Color Release, a digitized process for global QC of effect pigments

2025

Merck Surface Solutions rebranded as Susonity. Susonity becomes part of the GNMI Group, China

In business since
1959

~1100
employees

~€406
mio. Sales

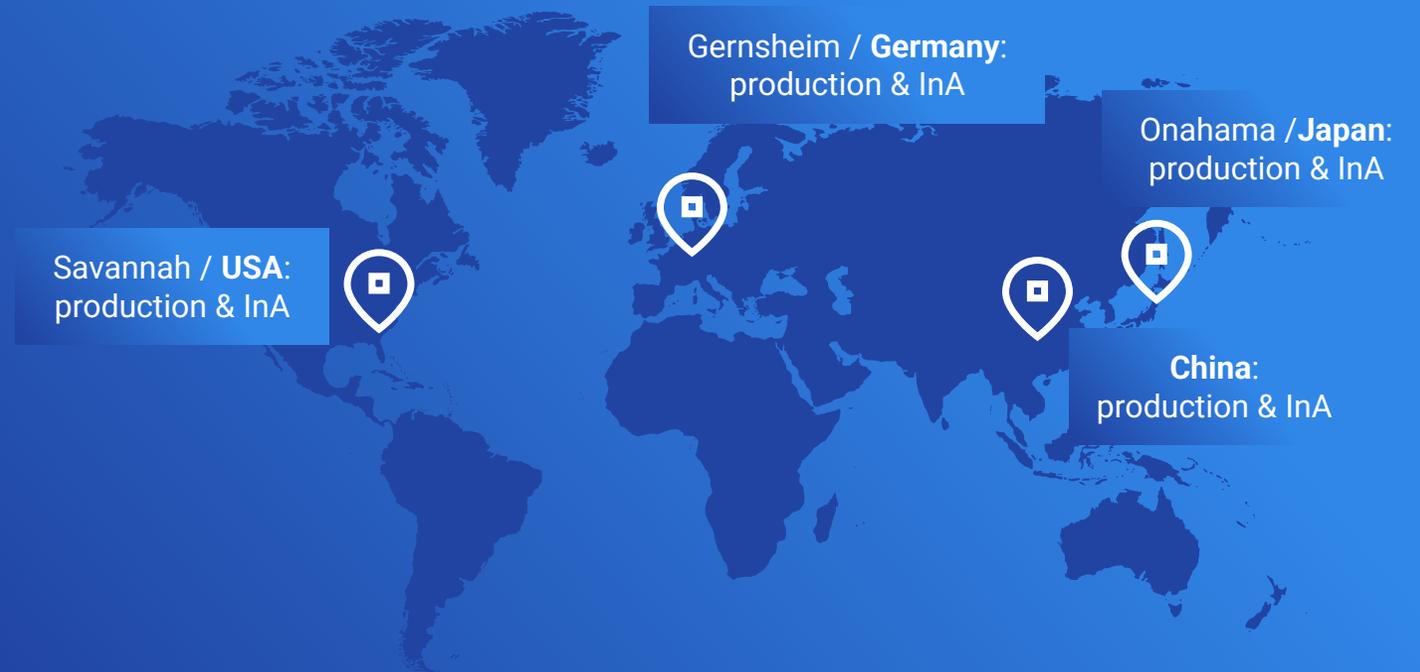
Innovation & Market leader

**Global sales &
marketing reach**

~130
dedicated technical
experts in InA

Global Production & Tech. Support

Local contacts in your language



One Business – Three Segments

Infinite possibilities in colors & effects.

OUR PORTFOLIO

PIGMENT	ACTIVES	SEGMENT	PIGMENTS	ACTIVES
		Coatings	<ul style="list-style-type: none"> Special effects (Colorstream®, Meoxal®) High luster (Xirallic®) Low luster color & other (Iriodin®, Pyrisma®) Low luster silverwhite (Iriodin®) 	
		Cosmetics	<ul style="list-style-type: none"> Special effects (Ronastar®, Xirona®) Low luster color & other (Colorona®, Timiron®, Candurin®, Ronastar®) Low luster silverwhite (Timiron®) 	<ul style="list-style-type: none"> Skin care functionals & actives (e.g. RonaCare®) UV filters (e.g. Eusolex®) Tanning (e.g. RonaCare® Bronzyl and DHA) Insect repellent (e.g. IR3535®)
		Industrials	<ul style="list-style-type: none"> Special effects (e.g. Colorstream®) Low luster color & other (Iriodin®, Pyrisma®, Spectraval®) Low luster silverwhite (Iriodin®) 	<ul style="list-style-type: none"> Functional binders: Polysilazanes (e.g. Durazane®) Specialty materials: High-purity raw materials (e.g., Optipur®) Functional pigments: Laser Marking, Security, Conductivity (e.g. Iriotec®)

BEYOND EFFECTS

IRIOTEC® 7000 SERIES



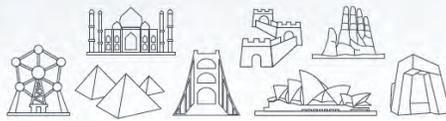
Shine Bright
with Conductive
Solutions.

Light-colored conductive pigments
for coating applications



IRIOTEC® 8000 SERIES

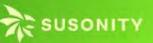
Flowing Light,
Lasting Impact:
**Laser Marking
for a Sustainable
Future.**



IRIOTEC® 9000 SERIES

Beat
the heat.

With Iriotec® 9000
heat-reflecting pigments



Infinite *Possibilities*

www.susonity.com/IT/it

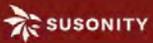


FORMULATION GUIDE



Can resistance
be irresistible?

Durazane® 5500 - Improved scratch resistance for high gloss,
solvent based two component polyurethane coatings



IRIOTEC® 9000 SERIES

DURAZANE®

Can Protection
be Alluring?

Empowering Surfaces with Durazane® - Protect your surfaces against
the effects of scratches, temperature, water, dirt and corrosion.



2

**Special Effect
Pigments:
Infinite Possibilities**

The Home of Unique Brands.

Our Coating & Industrial product brands.

The home of effects since 1959, we've been driving innovation in **effectful surface solutions**. With heritage brands like Iriodin[®], Colorstream[®] and Xiralllic[®], we're transforming products around the globe from ordinary to extraordinary.

Our premier product range allows **infinite possibilities in colors, effects and applications**.

BIFLAIR[®]

COLORSTREAM[®]

IRIODIN[®]

MEOXAL[®]

MIRAVAL[®]

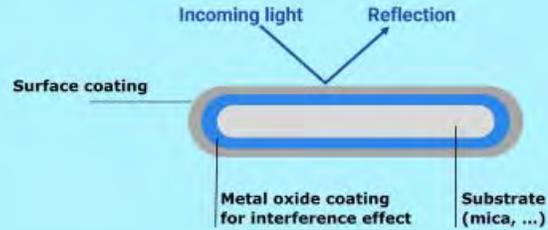
PYRISMA[®]

XIRALLIC[®]

XIRALLIC[®] NXT

Special Effect Pigments

Technology and Specifications



Particle Size
for visual impression.
Define the effect, from
silky to sparkly, from
subtle to coarse

The three major influence factors

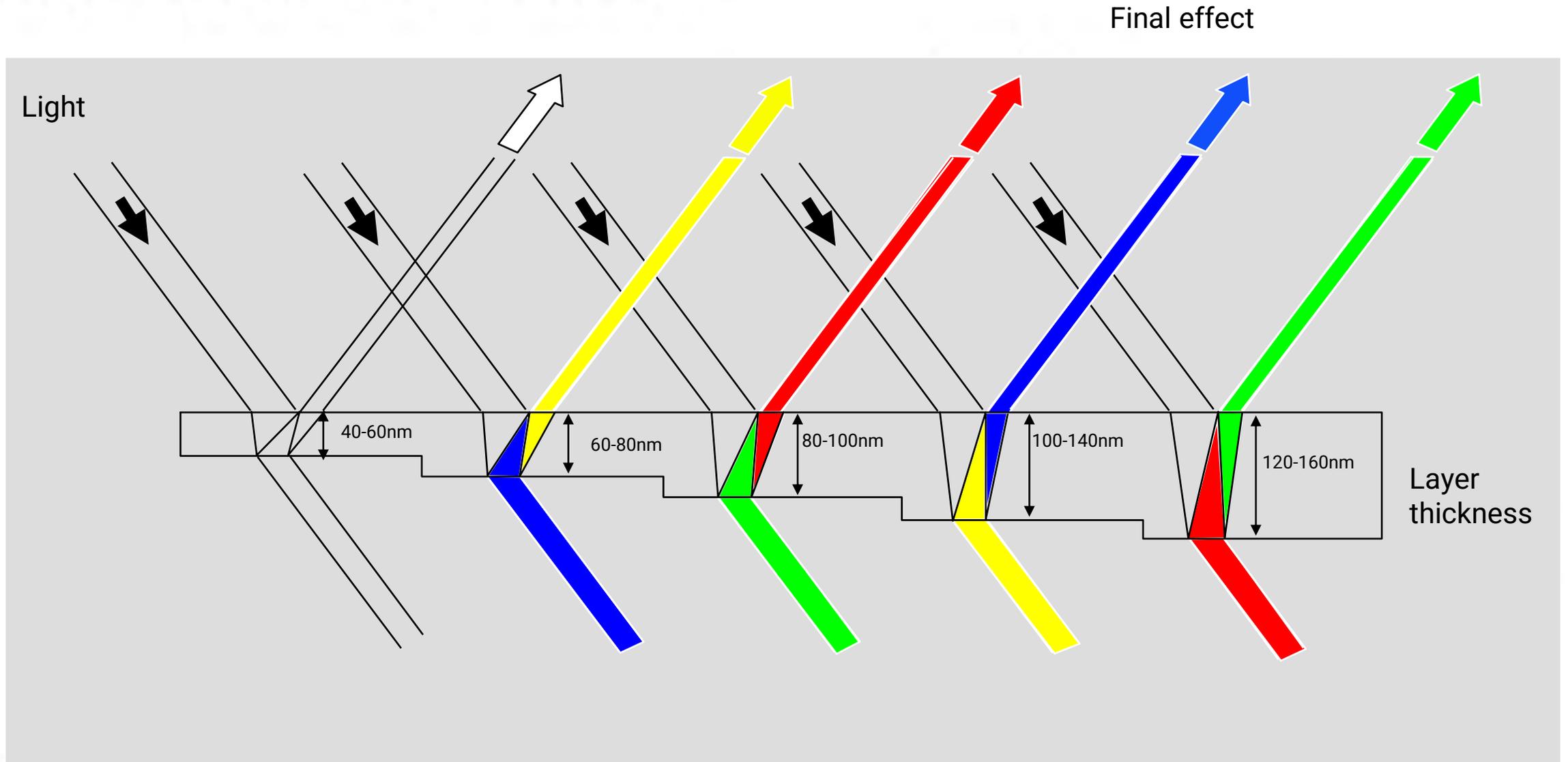
Substrate

for layer structure.
Creates parallel surface
and contribute to the
final effect

Metal Oxide layer

for color type and intensity.
Brings color and interference
effect as well as gloss
intensity

Influencing factors: Metal Oxide Layer



Influencing factors: Particle Size Distribution



M

<math>< 15 \mu\text{m}</math>

F

$5 - 25 \mu\text{m}$

N

$10 - 40 \mu\text{m}$

S

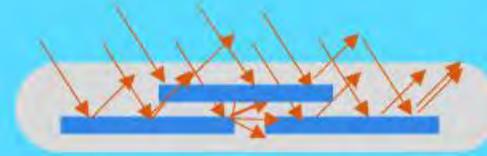
$20 - 100 \mu\text{m}$

L

$10 - 200 \mu\text{m}$



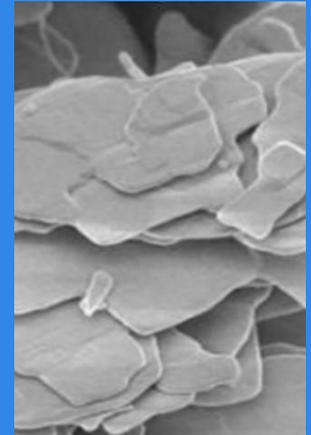
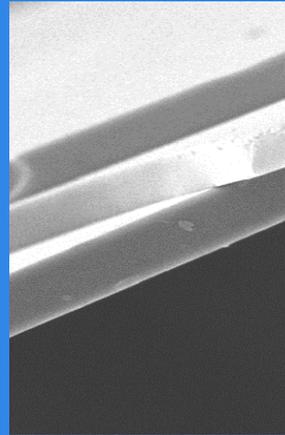
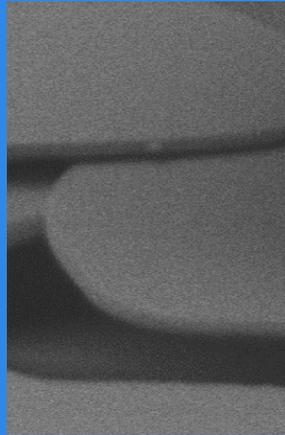
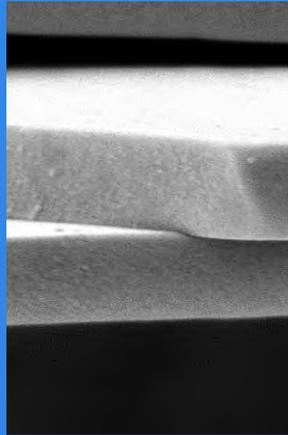
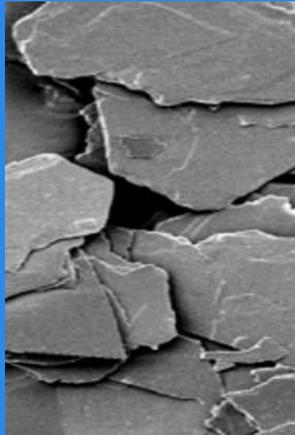
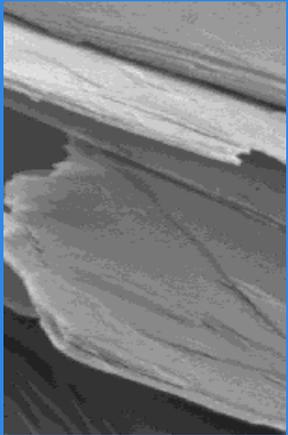
- Semi-glossy matt effect
- Higher covering power and spread
- Lower glitter



- High brilliance and gloss
- Low covering power and spread
- Strong glitter

Special Effect Pigments

From a technical point of view...



Natural Mica

Pearl effect
Natural

IRIODIN®
PYRISMA®

Synthetic Mica

Purer color /
more transparency

IRIODIN®

Silica

Gonio-chromatic
effect

COLORSTREAM®

Alumina

High chroma
crystal effect/
sparkle

XIRALLIC®
XIRALLIC® NXT

Borosilicate

Transparency
sparkle/glitter

MIRAVAL®

Aluminum

Luminous metal
effect

MEOXAL®

Bismuth Oxychloride

Hiding glossy
metal effect

BIFLAIR®

Special Effect Pigments

Visual performance

Beyond technical specifications, pigments are defined by the color impact they deliver and by the value they add to your final products.

Understanding their full potential helps you choose the right solution for each application, **unlocking superior aesthetics** and **enhanced market appeal**.



Weather-resistant effect pigments

For lasting colors and brilliance

The weather-resistant pigments are designed to meet the high standards of the coatings industry. An **additional surface treatment** enhances the pigment particles' durability, making them suitable for demanding **outdoor applications**.

In the automotive industry and other applications, such as architectural buildings, surface-treated pigment variants offer two key advantages: a narrower particle size distribution with fewer coarser particles and reduced coloristic tolerance.



Special Effect Pigments

Coatings Market Applications

- **Automotive OEM Coatings**
- **Automotive Repair Coatings**
- **Powder Coatings** (architectural panels, window and door frames, furniture, etc.)
- **Plastic Coatings** (for telecommunication and phone articles, automotive parts, sport utilities)
- **Industrial Coating** (metal furniture, cooking ware, domestic appliances, etc.)
- **Coil Coating** (architectural building)
- **Dispersion paints** (decorative paints for indoor and outdoor on buildings)
- **Leather Coatings** (shoe, handbag, interior design and automotive interior)
- **Wood Coatings** (paint for wood indoor and outdoor, kitchen design and furniture)
- **Artist Paints** (paints for professional and hobby artist)





Thank You !

Beyond a Presentation. Let's Talk Possibilities.

BEYOND EFFECTS



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