

THE TOP PERFORMANCE IGP PRODUCT RANGE

For outdoor architectural applications, IGP Pulvertechnik AG offers their versatile pearl mica effect coating powder in three different quality-tested weathering and performance classes based on building locations, climate effects and customer needs for gloss and shade stability of the coated surfaces (see table 1).

Notes on cleaning and application

Regular maintenance cleaning of coated components inhibits the damaging effects of environmental chemicals or suspended particles to the weathering stability and aesthetics of the surfaces. Weather-resistant systems and powder coatings with easy-to-clean additives help to prolong cleaning intervals. Abrasive cleaning methods are unsuitable, especially with effect coatings, because

removing the cleaning agents damages the effect pigments that are positioned near the surface. Reasonable cleaning intervals also depend on the weathering stability of the bonding agent, and should be 1 to 2 years, depending on the degree of soiling and aesthetic requirements. You will find further information in our "Technical Information sheet 106" (cleaning recommendations for IGP coating powder with pearl mica effect, facade quality).

Open air weather exposure in Florida in compliance with ISO 2810			
Product qualities	1 year	3 years	5 years
IGP-DURA [®] face 58	[Progress bar]		
IGP-HWF ^{Classic} 59	[Progress bar]		
IGP-HWF ^{Superior} 57	[Progress bar]		

Certification by quality associations			
GSB	Standard	Master	Premium
Qualicoat	Class 1	Class 2	

IGP standard weathering duration			
Depending on location, substrate, pre-treatment, coating structure, cleaning cycles	up to 5 years	up to 10 years	up to 20 years

Table 1: weathering classes and IGP standard warranty periods

IGP pearl mica effect line

The combinations shown in Table 2 are available as smooth pearl mica effect shades with matt (25–35 R/60°) and satin finishes (65–85 R/60°), as well as finely structured deep matt surfaces. Other gloss variations are available upon request. Be sure to order an IGP sample prior to the final color specification.

Delivery program									
Increased weathering capacity	Line	Surface finish		Gloss level			Type of pearl mica effect		
		Smooth	Fine structure	Deep matt	Matt	Silk gloss	Fine	Medium	Standard
	IGP-DURA [®] face 58	x			x	x	x	x	x
	IGP-HWF ^{Classic} 59	x	x	x	x	x	x	x	x
	IGP-HWF ^{Superior} 57	x			x	x	x	x	x

Table 2: pearl mica effect delivery program

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Coating systems with pearl mica effect

Classic effect shades with long-term value retention



POWDER COATINGS.

IGP PEARL MICA EFFECT – ATTRACTIVE PROTECTION FOR YOUR FACADE

The IGP pearl mica effect sample collection shows several examples of weather resistant and highly weather resistant pearl mica shades in a variety of gloss levels and structure options. With their extraordinarily brilliant effect and their flawless surfaces, the IGP pearl mica coating powders are among the most popular effect coatings on the market.

Applications

Due to their excellent durability and applicability, the pearl mica powder coatings presented here are primarily used as metal facade coatings and for outdoor industrial applications with high demands for durable protection and decorative effect, such as:

- Facades and window elements
- Secondary building components
- Urban and outdoor furnishings
- High quality outdoor durable consumer goods

Pearl mica particles enhance the gloss level and shade stability by reflecting a part of the energy-intensive UV radiation and the long-wave thermal radiation. For application on steel and galvanised steel from corrosion category C3 or higher, we recommend the use of an anti-corrosive primer, e.g., IGP-KORROPRIMER 1001.

Innovative manufacturing processes

... make IGP pearl mica effect powder coatings one of the most reliably applicable coatings in the coating industry. The manufacturer can choose from three different manufacturing processes for including effect pigments into

the coating matrix, based on effect quality and particle size: the economical IGP Mica bond process, the IGP Premium bond process, particularly suitable for the fine pearl mica effect, or the completely innovative IGP-Effectives[®] technology. IGP-Effectives[®] technology stands for utmost application reliability in terms of consistency of effect and shade. Ask to see our IGP-Effectives[®] brochure.

Quality associations

A seamless quality chain from manufacture to coating is monitored by the international quality associations for coating quality – GSB and Qualicoat. Long-term object-specific guarantees for gloss and shade stability are feasible as part of performance fulfilment according to GSB and Qualicoat.

Qualicoat International

Quality seal for aluminium coating in architectural applications.

GSB

Quality Association for component coating of construction elements.

swiss quality



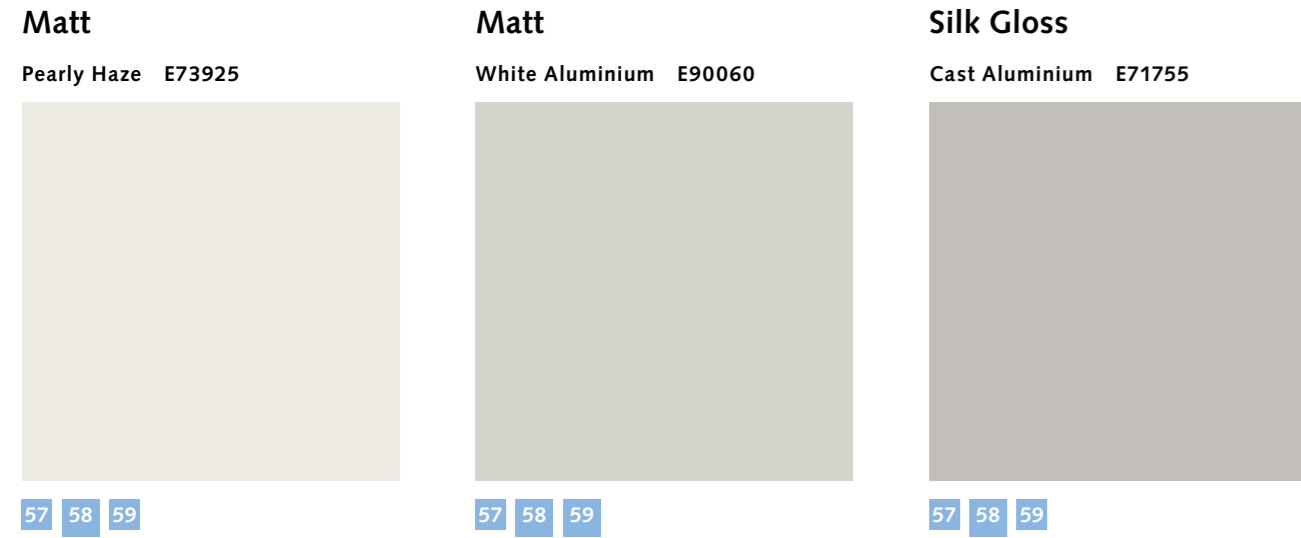
GHZ, Schlieren (title page)



Europaallee, Zurich

PEARL MICA SHADE ASSORTMENT

SMOOTH FLOWING



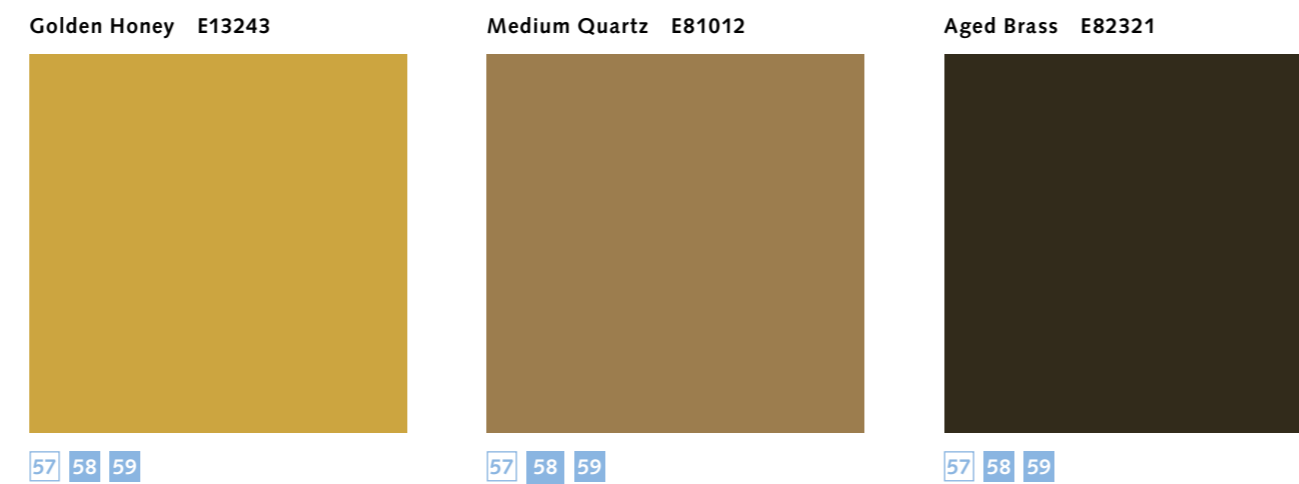
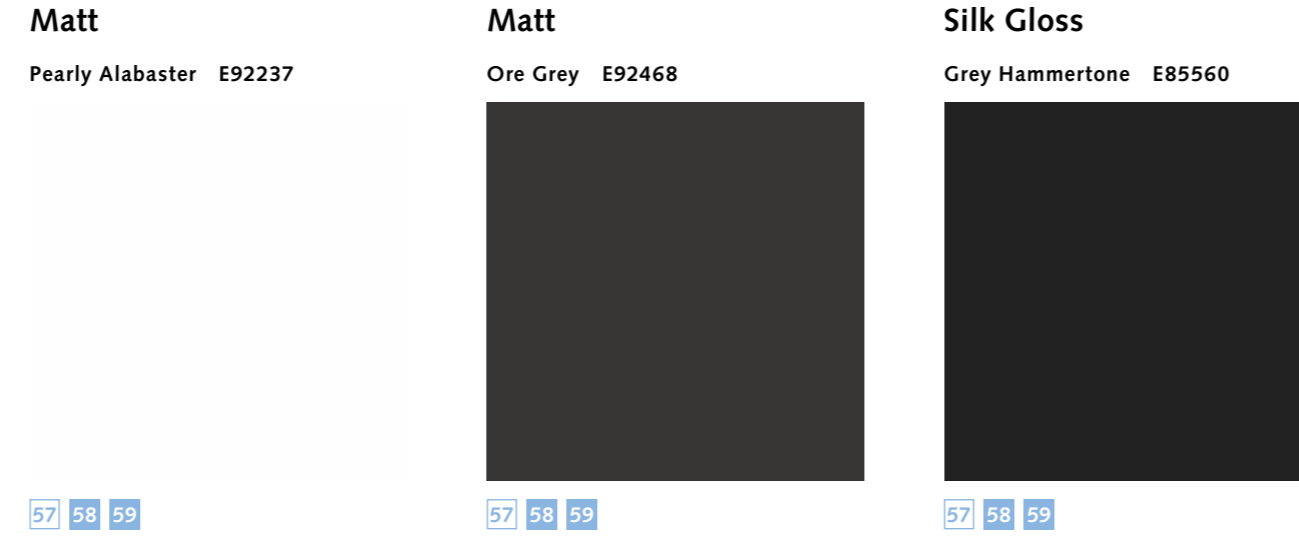
Key product qualities:

- 57 IGP-HWF^{superior} 57
- 58 IGP-DURA^{face} 58
- 59 IGP-HWF^{classic} 59

Standard shade label:

- Powder coating as an in-stock shade, available without a minimum order quantity.
- Some powder coating is in-stock, please inquire about the delivery date. Available without minimum order quantity.
- Minimum purchase quantity required.

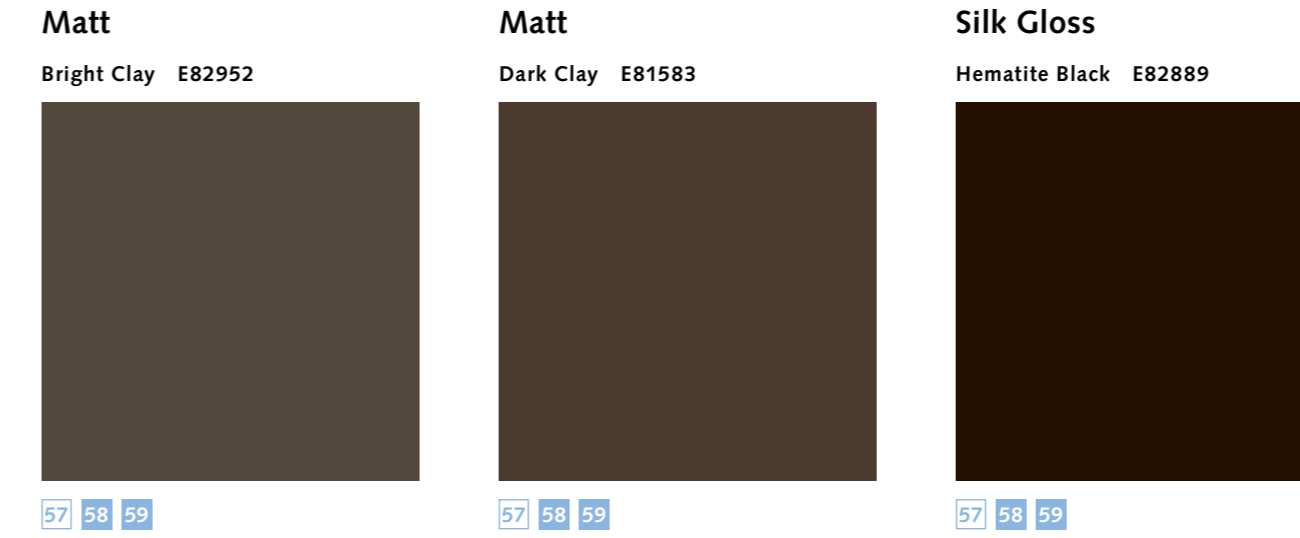
SMOOTH FLOWING



Price categories:

For a concise offer, please provide the number of the product quality and the shade name and product number.
Subject to prior sale and revisions.

SMOOTH FLOWING



The powder-coated metal objects shown in this collection are non-binding color samples.

Production-related and / or application-based deviations are possible.
 Please refer to our "Technical Data Sheets" and "processing instructions 201".

FINE STRUCTURE

