

THE TOP PERFORMANCE IGP PRODUCT RANGE

For exterior architectural applications, IGP Pulvertechnik AG offers its diverse pearl mica coating powders in three different certified weathering and performance classes. Depending on the building location and local atmospheric influences, the shades are available in the following qualities: "standard weather-resistant", "highly weather-resistant" and as our "ultra highly weather-resistant" premium product.

Notes on cleaning and application

Cleaning recommendations for effect powder coatings
Abrasive cleaning methods are particularly unsuitable when dealing with effect coatings as erosive cleaning can destroy the effect pigments that are anchored in close proximity to the surface. Sensible cleaning intervals also depend on the weathering stability of the binders and should amount to between 1 and 3 years depending on contamination and aesthetic demand.

You can find further information in our "Technical Information 106" (*Cleaning recommendation for IGP coating powders with pearl mica effect, façades*)

Weathering categories and IGP standard warranty period in accordance with certifications			
Product qualities	1 year	3 years	5 years
IGP-DURA [®] face 58	[Progressive bar]		
IGP-HWF [®] classic 59	[Progressive bar]		
IGP-HWF [®] superior 57	[Progressive bar]		
Certification by quality associations, Test Report			
GSB	Standard	Master	Premium
Qualicoat	Class 1	Class 2	
AAMA (Test Report)	2603-15	2604-13	2605-13
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

Pearl mica delivery programme						
Line/product line	Surface finish		Product group and gloss range			Further particularity
IGP-DURA [®] face, Series 58	Unstructured	Structured	Deep matt	Matt	Silk gloss	Easy2Clean; EPD ²
	Smooth finish	Fine structure	5803	5807 S-Type ¹	5807 S-Type ¹	
IGP-HWF [®] classic, Series 59	Smooth finish			581M		EPD ²
		Fine structure	5903 S-Type ¹	5907 S-Type ¹		Easy2Clean; EPD ²
IGP-HWF [®] classic, Series 57	Smooth finish		591T	5703	5707	Easy2Clean effect
		Fine structure	571T			

¹ S-Type products contain a balanced mix of additives in order to increase the resistance of the film to notching stresses.
² Abbreviation for Environmental Product Declaration; for the achievement of credits for green building labels such as DGNB, LEED or BREEAM.

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Coating systems with pearl mica effect

Classic effect shades with long-term value retention



IGP 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.

Permanent protection through robust surfaces

Façade components are more likely to be exposed to abrasive or scratching stresses during transport, installation and thorough cleaning. These stresses can lead to matting and scratch marks. IGP façade coatings from the new S-Type[®] series are characterised by robust surfaces. Both in the Martindale test and in simple experiments involving green Scotch tape and paper, for example, they exhibit a greater scratch resistance compared to standard powder coating surfaces. (Product range table)
In addition, all surfaces of the (ultra) highly weather-resistant Series 59/57 as well as the silk gloss variant of Series 58 come with Easy2Clean for better cleanability, which reduces the attachment of dirt particles and can therefore prolong cleaning intervals.

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.

Applications

Due to their excellent durability and applicability, the pearl mica powder coatings presented here are primarily used as metal façade 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.

swiss quality



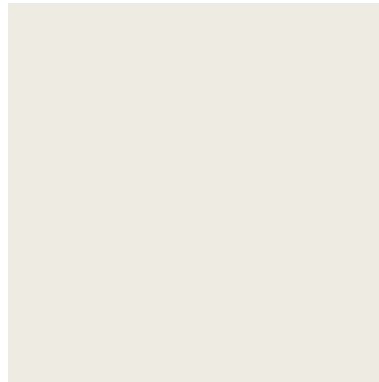
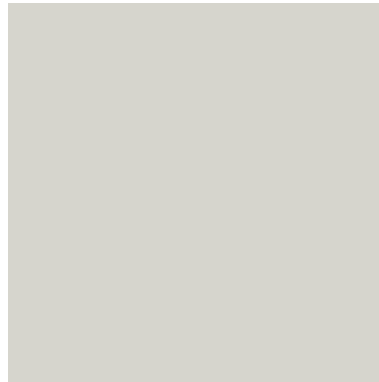

GHZ, Schlieren (title page)






Europaallee, Zurich

PEARL MICA SHADE ASSORTMENT

SMOOTH FLOWING

Matt Pearly Haze E73925	Matt White Aluminium E90060	Silk Gloss Cast Aluminium E71755
		
<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59	<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59	<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59

Ashes Mica E71382	Medium Grey E71383	Zinc E71384
		
<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59	<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59	<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59

Cast Iron E71385	Ferrite E71386	Carbon E71319
		
<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59	<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59	<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59

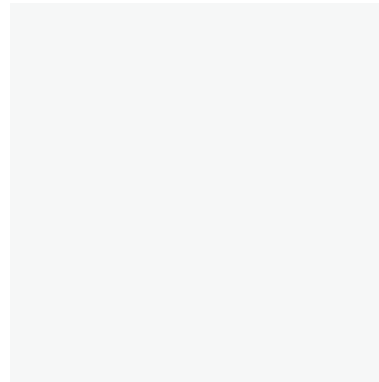


Key product qualities:

- 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

Matt Pearly Alabaster E92237	Matt Ore Grey E92468	Silk Gloss Grey Hammertone E85560
		
<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59	<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59	<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59


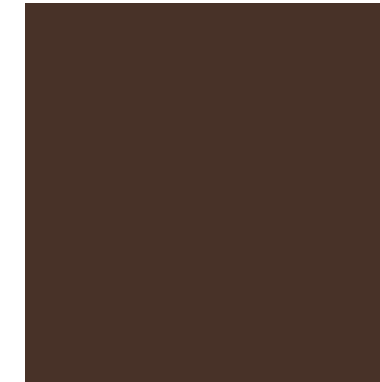
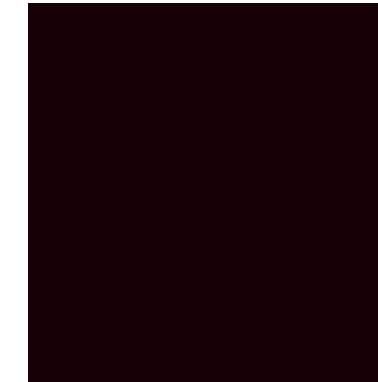
Limestone E12141	Copper E82861	Aged Copper E82994
		
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Golden Honey E13243	Medium Quartz E81012	Aged Brass E82321
		
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Price categories:
For a concise offer, please provide the number of the product quality and the shade name and product number.

Subject to prior sale and revisions.

SMOOTH FLOWING




Matt Bright Clay E82952	Matt Dark Clay E81583	Silk Gloss Volcano E93448
		
<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59	<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59	<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59

Dark Bronze E82987	Medium Bronze E81872	Young Bronze E82609
		
<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59	<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59	<input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59


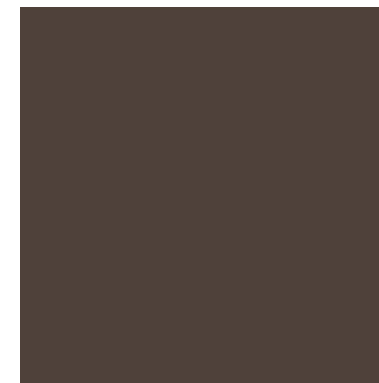
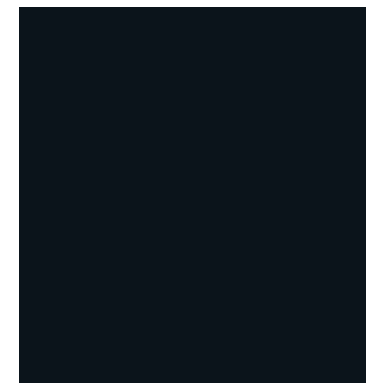
Khaki Bronze E82032	Slate Metallic E82023	Scattered Black E96740
		
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The powder-coated metal objects shown in this collection are non-binding color samples.
Production-related and / or application-based deviations are possible.
Please refer to our "Technical Data Sheets" and "processing instructions 201".

FINE STRUCTURE

Deep-matt Quartz FS TE75692	Deep-matt Golden Brown FS TE82303	Deep-matt Smokey Quartz FS TE82291
		
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Rust Mica FS TE82967	Achitectural Bronze FS TE81576	Dark Bronze FS TE82306
		
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Silver Grey FS TE73632	Iron Grey FS TE76891	Carbon FS TE71319
		
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