

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 | | 5803 | 5807 S-Type ¹ | 5807 S-Type ¹ | | |
| IGP-HWF [®] classic, Series 59 | Smooth finish | Fine structure | | 581M | | EPD ² | |
| | | | 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 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)

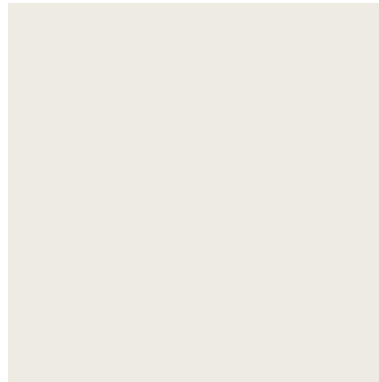
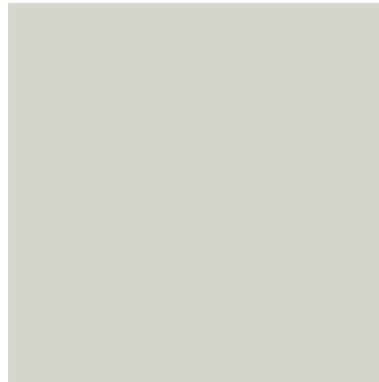
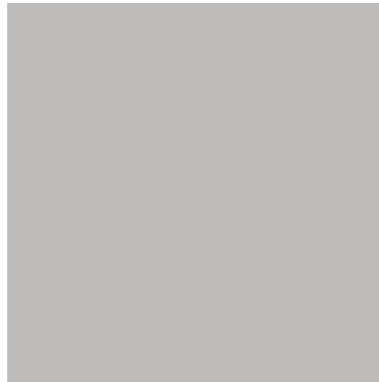





Europaallee, Zurich



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 |

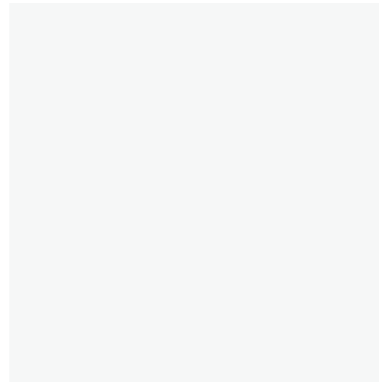
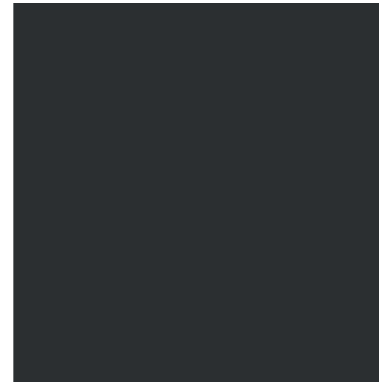

| | | |
|---|---|---|
| Ashes Mica E71382 | Medium Grey E71383 | Zinc E71384 |
|  |  |  |
| <input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59 | <input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59 | <input type="checkbox"/> 57 <input type="checkbox"/>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

| | | |
|---|---|---|
| Golden Honey E13243 | Medium Quartz E81012 | Aged Brass E82321 |
|  |  |  |
| <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 |

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 |

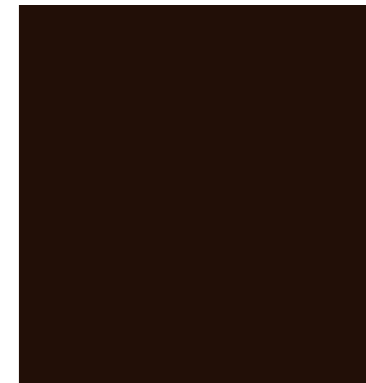
| | | |
|---|---|---|
| Dark Bronze E82987 | Medium Bronze E81872 | Young Bronze E82609 |
|  |  |  |
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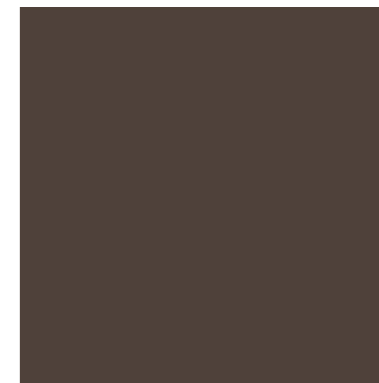

| | | |
|---|---|---|
| Khaki Bronze E82032 | Slate Metallic E82023 | Scattered Black E96740 |
|  |  |  |
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The powder-coated metal objects shown in this collection are non-binding color samples.
 Production-related and / or application-based deviations 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 |
|  |  |  |
| <input type="checkbox"/> 57 <input type="checkbox"/> 59 | <input type="checkbox"/> 57 <input type="checkbox"/> 59 | <input type="checkbox"/> 57 <input type="checkbox"/> 59 |

| | | |
|---|---|---|
| Rust Mica FS TE82967 | Achitectural Bronze FS TE81576 | Dark Bronze FS TE82306 |
|  |  |  |
| <input type="checkbox"/> 57 <input type="checkbox"/> 59 | <input type="checkbox"/> 57 <input type="checkbox"/> 59 | <input type="checkbox"/> 57 <input type="checkbox"/> 59 |

| | | |
|---|---|---|
| Silver Grey FS TE73632 | Iron Grey FS TE76891 | Carbon FS TE71319 |
|  |  |  |
| <input type="checkbox"/> 57 <input type="checkbox"/> 59 | <input type="checkbox"/> 57 <input type="checkbox"/> 59 | <input type="checkbox"/> 57 <input type="checkbox"/> 59 |