

# IGP-Effectives® – ARCHITECTURE AND FACADE

The present collection provides some examples of our coating materials for architectural use. The notes in the boxes below the samples (e.g. 58, 59) indicate the availability of each shade in the corresponding product qualities or product series.

## Shades of Grey

"Iron Mica" – The divas among the pearl mica powder coatings from our architectural range. IGP-Effectives® ensures a more uniform and flawless appearance of the effect of the corresponding coating materials manufactured with larger effect particles. Both weather-resistant (Series 58) and highly weather-resistant (Series 59) options in matt and silk gloss versions are available.

## Brass, Bronze, Cast Metals

When manufacturing effect coatings with a high additive content by means of a standard bonding process, an insufficient binding effect is achieved, especially for fine effect particles such as gold bronze particles. Effect powder coatings manufactured using the IGP-Effectives® process, however, create a consistently strong effect on surfaces – even in recycle mode and after several powder cycles.

## All-Rounders

Radiant, weather-proof and outdoor-resistant powder coatings of coating class 1 (GSB standard 1, Qualitcoat class 1). A carefully adjusted selection of effects ensures brilliant glossy highlights when coating aluminium and steel – even in poor lighting conditions. IGP-Effectives® ensures a homogeneous distribution of pigments in the coating matrix and additionally supports resistance to cleaning agents and alkaline construction-related impurities.



GHZ, Schlieren

# IGP-Effectives® – THERE ARE NO BETTER REASONS

## Simple and reliable processing

For cloud-free effect distribution and optimal consistency in effect appearance and shade – even with varying application settings and application types. IGP-Effectives® effect powder coatings are minimally influenced by coating parameters such as voltage, current or distance to the object. Even with varying system types such as a horizontal and a vertical system, Effectives surfaces show remarkable uniformity in comparison. The copy effect in powder coating.

## Robust circulation stability

The powder mixture is subjected to enormous forces when being transported from the supply container through the injectors, pumps and hoses, which can cause the separation of effect particles from the powder granules. The more complete the bonding, the more stable the effect shade and appearance. IGP-Effectives® ensures optimal effect bonding. Another important factor is the uniform good flow behaviour of the conglomerate of powder granule and effect particles. A narrow range of granule sizes promotes a uniform and efficient first application.



Neumarkt shopping centre, St.Gallen



Europaallee, Zürich

## Recycling without quality loss

With effect coatings, "effect depletion" after several cycles (application, recycling, re-processing, re-application, etc.) is a common phenomenon. The recycled powder is "depleted" of unbound effect particles via the cyclone – leading to changes in effect appearance and shade. This is of no concern with effect powder coatings that have been refined using IGP-Effectives® technology. A high bonding rate ensures an even effect application from the first to the last cycle.

## Cost effective down to the last powder granule

Whether using electrostatic (Corona) or Tribo powder application, IGP-Effectives® coating powders achieve a high degree of application efficiency – even with fresh powder. Their unmatched efficiency is most apparent in the processing of recycled overspray: Even without adding any fresh powder, application in recycle mode reliably achieves a homogeneous shade as well as a cloud-free effect appearance. **The reliability and cost effectiveness of IGP-Effectives® technology are unrivalled.**



Minto building, Mönchengladbach, Germany

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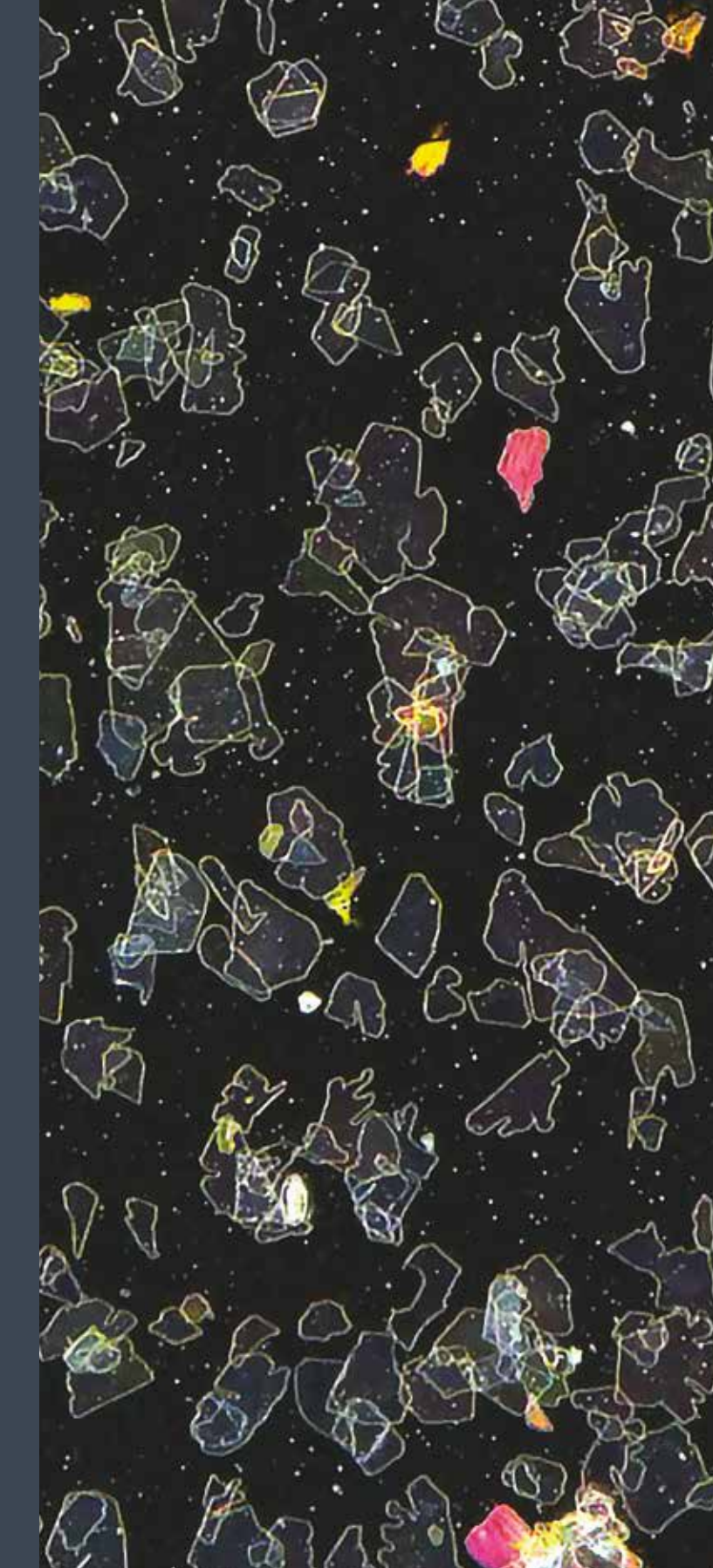
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## IGP-Effectives®

Brilliant effect powder coatings for industrial use and architecture



# IGP-Effectives® GUARANTEES MAXIMUM APPLICATION SAFETY

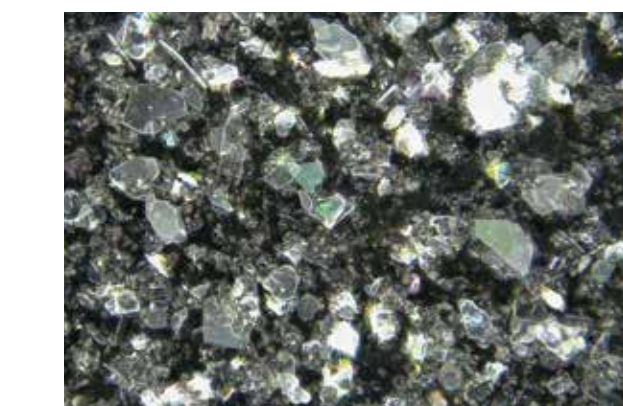
The Effectives colour brochure shows examples of modern effect powder coatings for various applications – whether for industrial use or architecture. IGP-Effectives®, the technology for safe processing, also allows you to combine functional properties such as abrasion resistance or high weather resistance.

## Effectives – engineered by IGP

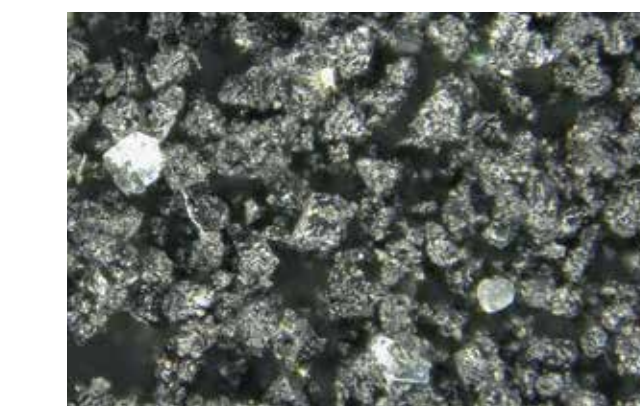
With conventional bonding methods, only a portion of the effect agent is partially covered with the fine base powder. Developments over the past few years in the sector for processing effect powder coatings have led to a significant increase in application safety and colour consistency. This has been achieved through improvements in the field of effect bonding to the powder granule and a resulting reduction in the number of free effect pigments in the powder mix. By contrast, the innovative IGP-Effectives® technology successfully bonds nearly all of the effect particles. This facilitates the realization of optimal application and recycling stability.

IGP-Effectives® is currently the most reliable approved process technology for a problem-free and homogeneous processing of effect-containing powder coatings. IGP-Effectives® powder coating products are extremely stable during use and exhibit a homogeneous effect appearance while ensuring maximum recycling. Perfection for perfect surfaces.

## Effect depletion with conventional effect powders



Fresh powder of an effect coating prior to application (250-fold magnification)



Powder from recycling, after 2 cycles (250-fold magnification)



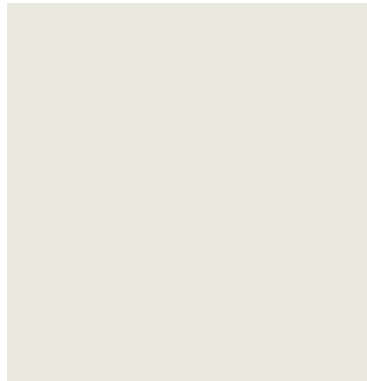
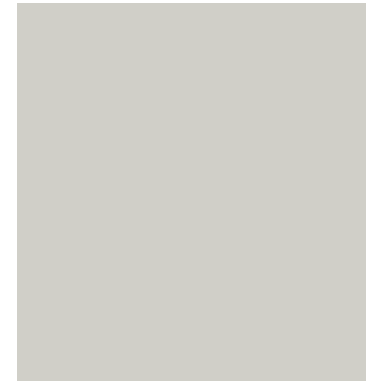

POWDER COATINGS.



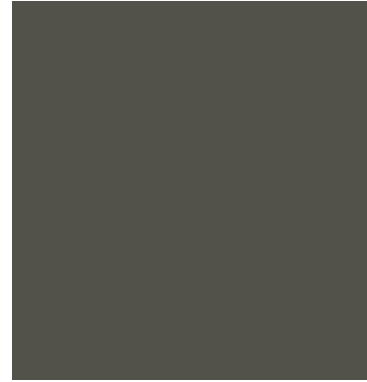
swiss quality

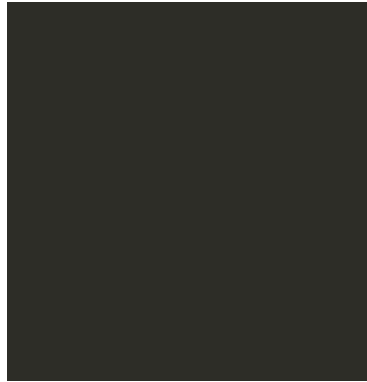




# ARCHITECTURE AND FACADE

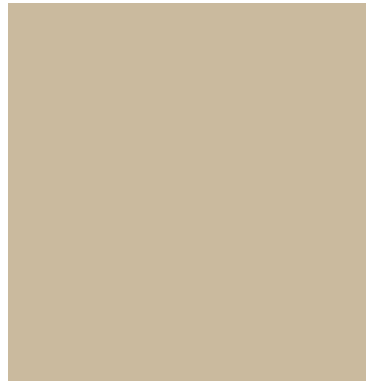


## SHADES OF GREY

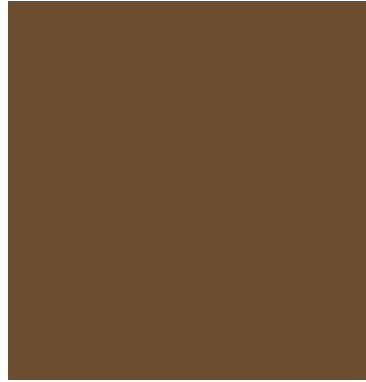
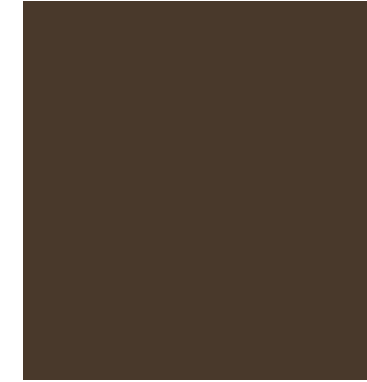
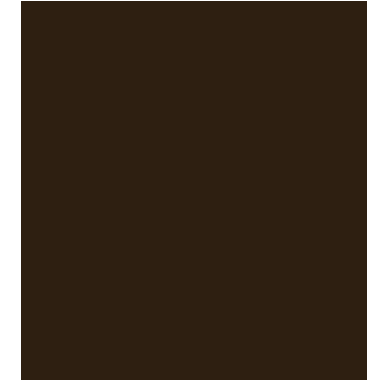
<b>Matt</b> Haumea 5903U70472F10  58 59	<b>Matt</b> Triton 5903U90060F10  58 59	<b>Silk Gloss</b> Cool Star 5907U77385F10  58 59
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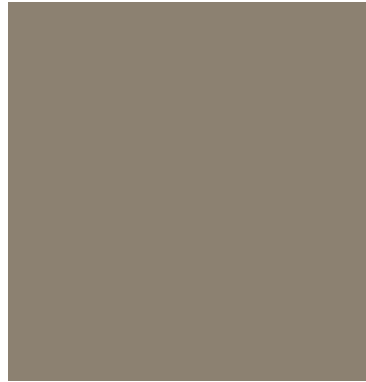


<b>Andromeda</b> 5803U71382A00  58 59	<b>Moon Dust</b> 5803U90070A00  58 59	<b>Cassiopeia</b> 5807U71385F00  58 59
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<b>Galaxy</b> 5803U71386A00  58 59	<b>Dark Star</b> 5903U71387F10  58 59	<b>Meteorite</b> 5907U71319F10  58 59
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## METALLIC SHADES




<b>Matt</b> Deimos 5803U13447A00  58 59	<b>Matt</b> Phobos 5903U12914F10  58 59	<b>Silk Gloss</b> Libra 5907U77501F10  58 59
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<b>Charon</b> 5803U83125A00  58 59	<b>Pollux</b> 5903U84576F10  58 59	<b>Callisto</b> 5807U92992F00  58 59
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<b>Saturn</b> 5803U76102A00  58 59	<b>Armstrong</b> 5803U77328A00  58 59	<b>Space Opera</b> 5807U75117F00  58 59
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## ALL-ROUNDERS


<b>Matt</b> Jupiter 5803U13688A00  58 59	<b>Matt</b> Phoenix 5803U13696A00  58	<b>Silk Gloss</b> Antares 5807U21338F00  58
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<b>Aldebaran</b> 5803U32033A00  58	<b>Gemini</b> 5803U51913A00  58 59	<b>Chameleon</b> 5807U63945F00  58
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<b>Cosmos</b> 5803U30052A00  58 59	<b>Copernicus</b> 5903U91927F10  58 59	<b>Musca</b> 5807U93019F00  58 59
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# INDUSTRY AND INTERIOR DESIGN

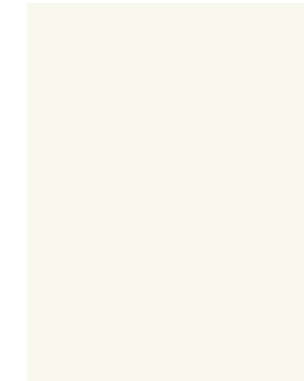
## SOFT TOUCH

<b>Deep-matt</b> Vega 4201U83082A1F  42 44
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<b>Scorpion</b> 4201U81576A10  42 44
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<b>Matt</b> Umbriel 4201U83095A10  42 44
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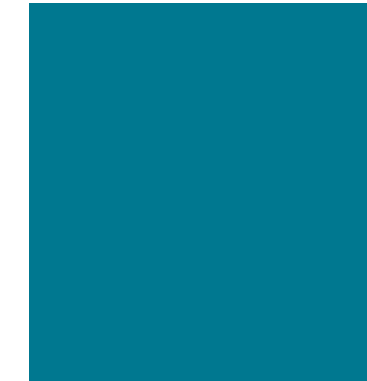
## RESISTANT


<b>Deep-matt</b> Sirius 4401U93042D10  44
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<b>Ganymed</b> 4401U77235D10  44
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<b>Messier</b> 4401U90057D10  44
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## EFFECT FEVER

<b>Gloss</b> Taurus 8109U53554A00  81
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<b>Aquila</b> 8109U41567A00  81
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<b>Aurora</b> 8109U63921A00  81
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# IGP-Effectives® – INDUSTRY AND INTERIOR DESIGN

The present collection provides some examples of our coating materials for industrial use and interior design. The notes in the boxes below the samples (e.g. 42, 44, 81) indicate the availability of each shade in the corresponding product qualities or product series.

### Deep-matt Elegance

Series 42 and 44 offer a deep matt appearance combined with an appealing surface feel. IGP-Effectives® refines the fine microstructure with metallic gloss, providing a velvety surface which is remarkably resistant to fingerprints. Series 42 additionally offers certified, highly weather-resistant stability against exposure to the elements.

### The Resistant Ones

IGP sets benchmarks in terms of abrasion resistance and handling stability. The IGP-Effectives® technology supports the abrasion resistance of surfaces by means of effect particles which are perfectly anchored to the powder granule and deeply integrated into the matrix in order to ensure that perfect surfaces do not get damages in downstream manufacturing and logistics processes!

### Effect Fever

Striking and radiant effect coatings with excellent distribution across the surface, for high-quality industrial indoor and outdoor applications across a wide colour spectrum. The IGP-Effectives® permits a safe and flawless processing of powder coatings with effect contents of more than 10%. Note: The pigmented varnishing powder coating solutions require residue-free and homogeneously processed surfaces. We strongly recommend the use of a levelling primer as a base coating in order to perfectly prepare objects with slight processing-related imperfections or combined metal surfaces.

Product Series				
Series	Area of Application	Gloss Finishes	Bonding Agent	Approvals
4201U	Highly weather-resistant design products for indoor and facade applications	Deep matt	Acrylate Copolymer	Qualicoat Class 2
4401U	Resistant design product for indoor applications	Deep matt	Acrylate Copolymer	No approval for facades
5803U 5807U	Weather-proof facade product	Matt Silk gloss	Polyester	Qualicoat Class 1 GSB Standard
5903U 5907U	Highly weather-resistant facade product	Matt Silk gloss	Polyester	Qualicoat Class 2 GSB Master
8109U	Varnishing design product with excellent gradient characteristics for indoor and outdoor applications	High gloss	Polyurethane	Not suitable for facades

**Price categories:**  
To obtain a reliable price quote, please state the product quality number as well as the name of the shade and the product code.  
**Subject to prior sale and alterations.**

**The powder coated sheet metals illustrated in this collection are non-binding colour samples.**  
Subject to production-related and/or application-related differences.  
Please note our "Technical Data Sheets" and "Processing Guideline 201".