IGP POWDER COATINGS

59

Product Information Sheet

IGP-HWF*smart* 59

Superdurable, low-temperature powder coatings for long-lasting, resource-efficient façade protection.

Low-temperature, highly weather-resistant powder coatings with pronounced robustness make this the preferred choice for façades with demanding requirements, contributing significantly to the long-term preservation of coated objects. This advanced low-temperature system, with curing starting at 160 °C, reduces energy consumption during the curing process and, when paired with the optional IGP-Biosource variant, further lowers the carbon footprint through the promotion of renewable raw materials.

Properties

- Super durable facade quality, 3 years Florida > 50% residual gloss
- Lower cure
- Increased scratch resistance
- More robust & pliable
- Clean Effect

Approvals

- QC Class 2 approved
- GSB Florida 3 approved
- AAMA 2604-13 Test Report
- EPD according to EN 15804+A2



Key Features

- Superdurable formulation providing reliable protection against climatic influences and ensuring long-term value retention.
- Low-cure technology enhancing process efficiency and sustainability.
- Optional IGP-Biosource option offering a more sustainable coating solution by promoting the bioeconomy.
- Enhanced scratch resistance increasing mechanical durability during handling and installation.
- IGP-DURAclean effect lowering maintenance effort and reducing associated costs.
- Versatile design options with a wide range of colors and effects.
- Certified quality standards and transparent warranty systems.

Surface finishes / available range



IGP-HWFsmart 5903

Appearance

- Matte
- 20-30 R´-60°
- Smooth finish

Available Effects

- Pearl mica
- IGP-Effectives®
- Uni, without effect

Variants

- Biosource



IGP-HWFsmart 5907

Appearance

- Silk gloss
- 65-85 R´-60°
- Smooth finish

Available Effects

- Uni, without effect
- Pearl mica
- IGP-Effectives®

Variants

- Biosource



IGP-HWFsmart 591T

Appearance

- Deep matte
- 2-12 R´-60°
- Fine texture

Available Effects

- Uni, without effect
- Pearl mica
- IGP-Effectives®
- Speckled

Variants

- Living Surfaces
- Biosource

Further details to the product groups and possible effect options are available on the IGP website under: https://igp-powder.com/en/architecture-exterior/igp-hwfsmart-59

Further Information

Substrate and Pre-treatment
Possible substrates for application are aluminium, steel and galvanised steel. The substrate must be free of oil, grease and oxidation products. Pre-treatment depends on the type of substrate and the level of corrosion protection required.
Further information are available in the technical data sheet.

To improve corrosion protection in applications on steel or galvanised steel, we recommend the use of IGP-KORROPRIMER 60 primer. Further details to the available primer portfolio are available in the KORROPRIMER matrix.

Paint removal and disposal

After use, coated goods should be supplied to the normal recycling process. The disposal methods for sludges or residual powders must be observed in accordance with the local official provisions whilst taking Waste Code “080201 Coating Powder Wastes” in accordance with the European Waste Catalogue into consideration.