

IGP-KORROPRIMER 18

Low-temperature priming powder
(140 °C/10 min.) for reliable corrosion
protection on steel

+ swiss quality



Powderful Solutions.



IGP-KORROPRIMER 18

Low-temperature priming powder for reliable corrosion protection on steel



IGP-KORROPRIMER 18 (anti-corrosive primer) is notable for its exceptionally low baking temperature of 140 °C for 10 minutes baking time. This enables you to reduce your energy costs during baking and to optimise lead times during the production process.

Characteristics

- Corrosion cat. C5 M/I is reachable with suitable pretreatment and coating layers
- Very good adhesion between substrate and powder layers
- No toxic heavy metals
- Very economical caused by low bake temperature (process optimisation)

All IGP-KORROPRIMERS are corrosion resistant and have **excellent chemical-resistance properties**.

IGP-KORROPRIMER 18 has a **broad range of baking temperatures** and is highly **stable with regard to over-baking**.

The primer impresses users due to the **excellent mechanical properties** of the powder coating surface, which result in **enhanced corrosion protection**. During downstream processing steps (bending, drilling, etc.), this permits easier and more reliable handling for users and, consequently, reduces the risk of surface damage. All IGP powder varnishes can be used for finishing.

Areas of application

- Ideally suited for solid steel components
- Blasted steel
- Zinc phosphated steel
- Sweep blast galvanised steel
- Steel sheet (e.g. for occasional moisture exposure in interior applications, as a primer for coarse textures)



**Institute of Surface
Technology GmbH**
Corrosion protection tests
for aluminium substrates

Ü-Zeichen
DIN EN ISO 12944-5
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**General test certification
recognised by the building
authorities**
Corrosion category
C5-I, C5-M

Product range and colors

Surface aspect:

- IGP-KORROPRIMER 1809A70354A00, smooth finish, glossy, light grey, approx. RAL 7035

Stoving conditions

You will find temperature and time combinations that will produce adequate cross-linking of the coatings below. The range of baking temperatures of this low-temperature primer ensures time-optimised application with energy-saving potential.

Object temperature	Retention time for object temperature
130 °C	15 – 20 minutes
140 °C	10 – 15 minutes
150 °C	6 – 10 minutes

In each case, practical experiments adapted to the particular object and baking oven are recommended, in order to determine the best possible baking conditions.