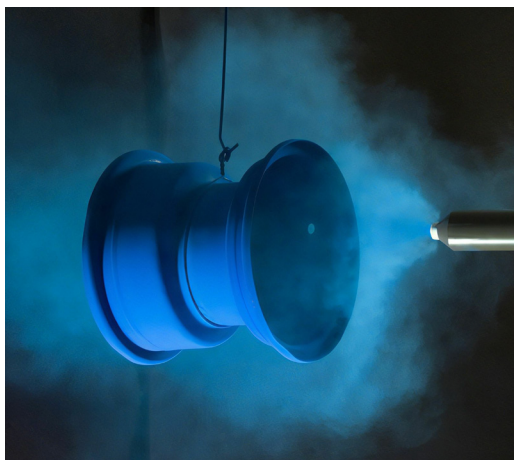


## ADHESION PROMOTION FOR POWDER COATINGS

# TEGO® Powder Aid C01

Polyester-modified polymer for anti-corrosion & adhesion promotion



Powder coatings are available in a wide range of finishes and colors and are renowned for their exceptional durability. This makes them well-suited for architectural applications such as outdoor stadium seating, window and door frames, as well as various types of furniture. These demanding uses drive the need for enhanced corrosion resistance.

Extensive laboratory testing across multiple binder technologies has demonstrated that TEGO® Powder Aid C01 significantly boosts corrosion protection in single-layer powder coating systems.

This additive, based on modified polyester polymers, introduces a novel approach to performance enhancement in powder coatings. This innovative technology provides a smoother surface finish and improved film flexibility compared to the incumbent technologies.

TEGO® Powder Aid C01 is supplied as free-flowing granules that are easily incorporated into the premix prior to extrusion. No special handling is required, making it a user-friendly and efficient solution for improving coating performance.

### TEGO® Powder Aid C01– At a Glance



#### Universal usage

- Suitable for various binder chemistries
- Very good compatibility



#### Performance

- Optimizes corrosion protection & adhesion
- No significant influence on rheology profile



#### Easy to blend

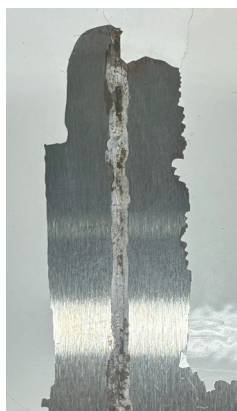
- Full extrusion within powder coating matrix
- Compatible with other additives



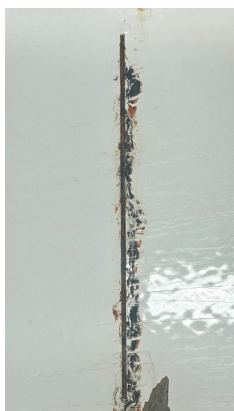
Click or scan the QR-code  
for more information!

## TEGO® Powder Aid C01 optimizes corrosion protection and adhesion properties of the coating

**Test formulation**  
**Blank sample**



**+3% TEGO®**  
**Powder Aid C01**



**+5% TEGO®**  
**Powder Aid C01**

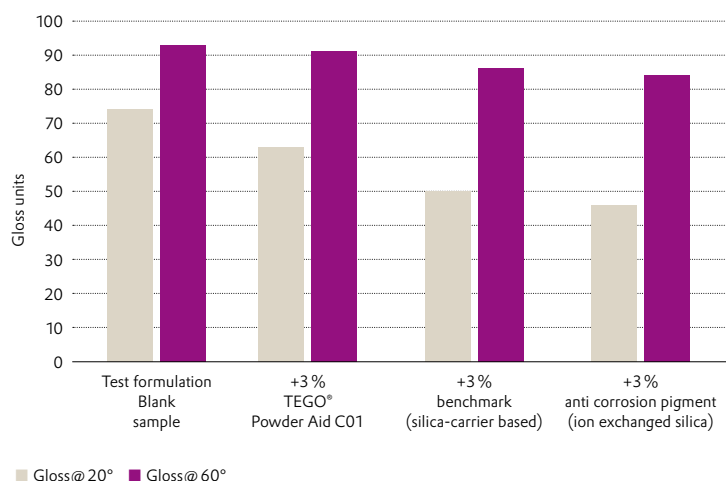


### 860 hours salt spray test

Cold rolled steel panels

Single layer, DFT ~80–85 µm | Curing conditions: 15' 180 °C

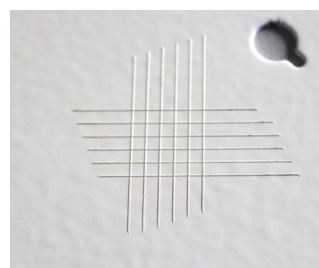
## The gloss retention when using TEGO® Powder Aid C01 is significantly higher than with a silica-based benchmark



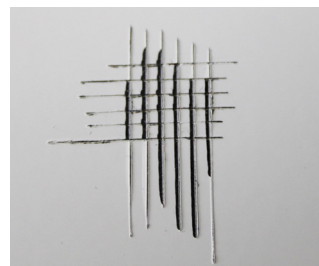
### TEST FORMULATION – BLANK SAMPLE

Polyester resin	61.8
β-HAA crosslinker	3.2
Degassing agent	0.3
Flow/levelling agent	1.0
Pigment TiO <sub>2</sub>	22.5
Filler	11.2
<b>Total</b>	<b>100.0</b>

**+3 %**  
**TEGO® Powder Aid C01**



**+3 %**  
**benchmark silica based product**



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