

Coatings for Biogas Applications:

Our coating PROGUARD CN200-LV2 for push floors of feeding stations – durable protection against corrosion and abrasion

Ceramic Polymer GmbH
Daimlerring 9
DE-32289 Roedinghausen

www.ceramic-polymer.de



Picture: Schmack Biogas Komponenten GmbH



Hohenzell/Austria: The company “Korrotech - Beschichtungstechnik GmbH” is specialized on professional blasting and coating operations. For the well-known German manufacturer of biogas plants and equipment, “Schmack Biogas Komponenten GmbH”, specific slide bars for push floors of the feeding stations PASCO were coated with our system PROGUARD CN200-LV2.



This coating product offers beside excellent stabilities against chemicals and high operating temperatures an extremely high abrasion resistance. Therefore, it is optimally qualified for the protection of different feeding systems and fermenters within the range of biogas.

Due to the chemical influences of biogas and biomass steel and concrete is radically affected. Also constant friction of the solid feed material and the pasty biomass impairs loading devices, screw conveyors, mixers, pumps and fermenters substantially. Any kind of components for the biogas sector need reliable and high-effective coating systems to ensure a long-term and failure-free operation.



Project:

Items: 16 slide constructions,
each with a length of ca. 11 m and a width of 1 m

Customer: Schmack Biogas Komponenten GmbH, DE-Schwandorf

Application of the coating:

Korrotech - Beschichtungstechnik GmbH, AT-Hohenzell

Product requirements:

High resistances against abrasion and chemical influences

Coating product: PROGUARD CN 200-LV2



Our partner for competent surface technology:

Korrotech - Beschichtungstechnik GmbH
Gewerbestraße West 20
AT-4921 Hohenzell / Austria
Phone +43 (0)7752 84806
Email: korrotech@fill.at
Web: www.korrotech.at



Manufacturer of feeding stations PASCO:

Schmack Biogas Komponenten GmbH
Oberaign 9
DE-84558 Kirchweidach / Germany
Phone: +49 (0) 8623 9873-0
Email: info@schmack-biogas.com
Web: www.schmack-biogas.com

Contact Ceramic Polymer GmbH:

David Garcia Simao (Director)
+49-5223-96276-15 | dgs@ceramic-polymer.de

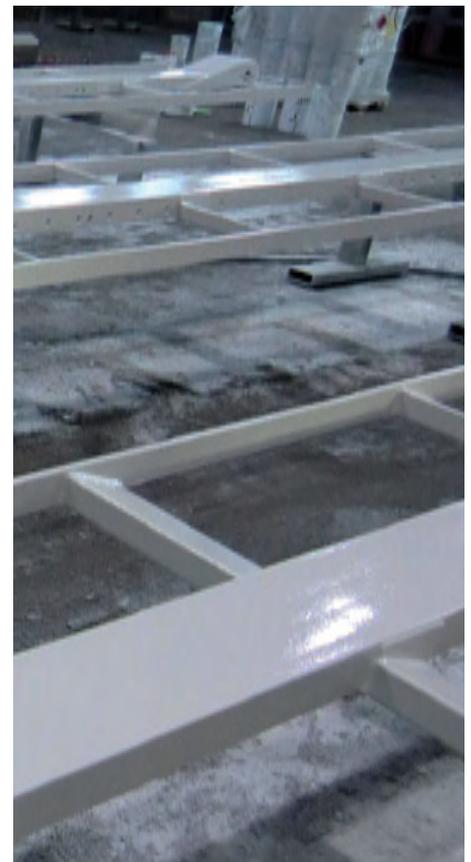
Jan Robert Schroeder (Sales Management)
+49-5223-96276-16 | jrs@ceramic-polymer.de

Our Product:

- Proguard CN200-LV2

To achieve best possible adhesion results, the steel structures were grit blasted according to cleanliness level SA 2,5 with a surface roughness of $>50 \mu\text{m}$. Subsequently, the company Korrotech applied our protection system with a layer thickness of 600-800 μm .

PROGUARD CN 200-LV2 can be applied directly on prepared steel substrates by airless spraying method. Moreover, this product can simply be coated by conventional hand tools due to its low viscosity and a convenient pot life



**Do you need durably resistant coatings
for the biogas sector?**

**We gladly assist you with our versatile portfolio
and expert guidance.**