

## Coatings for Maritime Techniques:

# Refurbishment of 4.500 m<sup>2</sup> Steel Construction for Bridge in Lithuania – Our Coatings for durable corrosion protection

Ceramic Polymer GmbH  
Daimlerring 9  
DE-32289 Roedinghausen

[www.ceramic-polymer.de](http://www.ceramic-polymer.de)



The steel construction of a bridge near the city Jonava in Lithuania was refurbished with the Ceramic Polymer coating products Proguard 96 and Proguard 169 effectively.



The river Neris rises in Belarus, flows through Lithuania and finally ends after 510 km in the river Neman. The huge steel construction of 4.500 m<sup>2</sup> is thereby permanently protected against any aggressive environmental influences.

### Surface Preparation and Application of the Coating

The damaged and heavy corroded metal parts of the bridge were treated by sharp-edged grit blasting according to purity grade SA 2,5. For best application results a coarse roughness profile is recommended.



### Technical Data:

<b>Project:</b>	Bridge over the river Neris, 230 m long
<b>Application:</b>	UAB „DTC LT“, Kaunas - Lithuania
<b>Area:</b>	Steel construction of 4.500 m <sup>2</sup>
<b>Coating Product:</b>	Proguard 96 und Proguard 169



**Our trading partner in Lithuania:**

UAB „DTC LT“  
Mr. Einaras Paulauskas  
Taikos pr.135a  
51130 Kaunas, Lithuania  
Telefon +370 37 407284  
Email: paulauskas@dazymas.com



Our coating product Proguard 96 (color „sand yellow“) was applied by airless spraying on the prepared substrate. One layer of 200 µm is adequate to provide an outstanding corrosion protection.

For durable weather resistance and UV-radiation stability the polyurethane topcoat Proguard 169 was sprayed on in a thin layer. The RAL color „brilliant red“ was chosen for this application.

**Contact Ceramic Polymer GmbH:**

**David Garcia Simao** (Director)  
+49-5223-96276-15 | [dgs@ceramic-polymer.de](mailto:dgs@ceramic-polymer.de)

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

**Woldemar Haak** (Sales Management)  
+49-5223-96276-13 | [wha@ceramic-polymer.de](mailto:wha@ceramic-polymer.de)

**Our Products:**

Proguard 169  
Proguard 69



**High-Quality Coating Products of our Proguard-Series –  
Comprehensive Protection with Excellent Physical Properties**

**Proguard 96:**  
is a 2-component ceramic composite epoxy coating

This product features high corrosion resistance, abrasion resistance as well as extreme impact hardness. It is excellently qualified as base coating for external applications in outmost aggressive environments, particularly against alkaline influences. For hydraulic steel structures with high strains of water, salt and de-icing salt Proguard 96 is the ideal choice.

**Proguard 169:**  
is a 2-component highly-crosslinked polyurethane coating

Our Topcoat provides long lasting resistances against UV-radiation and weather conditions. Furthermore, Proguard 169 offers excellent color stability and abrasion resistance. This product is applied in one layer and cures fast. It also features a high chemical resistance, thus besides typical scopes it is even used in very aggressive environments.

