

Coatings for Concrete Tanks:

## Indoor Firewater Basins in Factories and large Buildings – Long-term Protection with PROGUARD CN 200

Chesterton International GmbH  
Daimlerring 9  
DE-32289 Roedinghausen

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



Large residential buildings or factories need sufficient storage of fire extinguishing water in case of emergency. Our partner „Strohbeck GmbH“ protects the indoor concrete tanks with our coatings – providing a durable, effective protection against the large volumes of water.



Concrete fire water and sprinkler tanks for large buildings require reliable protection against leaks. Uncoated concrete becomes porous due to the massive exposure to water. In order to prevent the concrete from damage and to provide long-lasting protection, indoor concrete tanks should be coated with a suitable protection system.

Our partner „Strohbeck GmbH“ is continuously conducting coating applications for indoor concrete tanks - whether new construction or renewal. The company has extensive experiences in surface protection. For many years, „Strohbeck GmbH“ primarily uses our coating systems. The performance and ease of application convinced this specialist company!



### Technical Details

**Ongoing Projects:** Coating of concrete or steel tanks for extinguishing and sprinkler water

**Project shown on the pictures:** Indoor fire water tank in a textile factory

**Tank capacity:** 585 000 liters

**Product requirements:** Permanent protection of the concrete against porosity and damage

## Application of our protection systems – Step by step to the concrete surfaces



Our partner for professional surface protection:

**Strohbeck GmbH**  
Mercedesstraße 14  
DE-71394 Kernen-Stetten/Germany  
Phone: +49 (0) 71 51 - 9 49 15 0  
Email: [info@k-strohbeck.de](mailto:info@k-strohbeck.de)  
Web: [www.k-strohbeck.de](http://www.k-strohbeck.de)

### Contact Chesterton International GmbH:

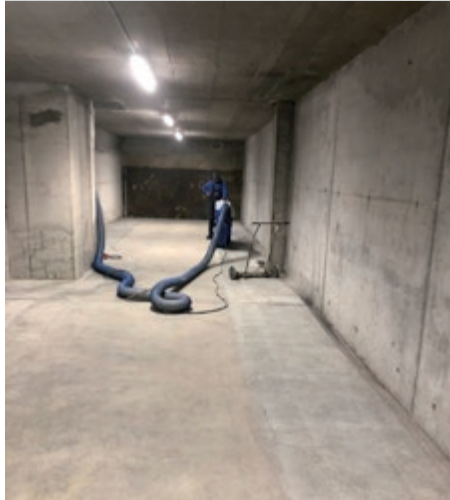
**David Garcia Simao** (Director)  
+49-5223-96276-15  
[David.GarciaSimao@chesterton.com](mailto:David.GarciaSimao@chesterton.com)

**Jan Robert Schroeder** (Sales Management)  
+49-5223-96276-16  
[Jan.Schroeder@chesterton.com](mailto:Jan.Schroeder@chesterton.com)

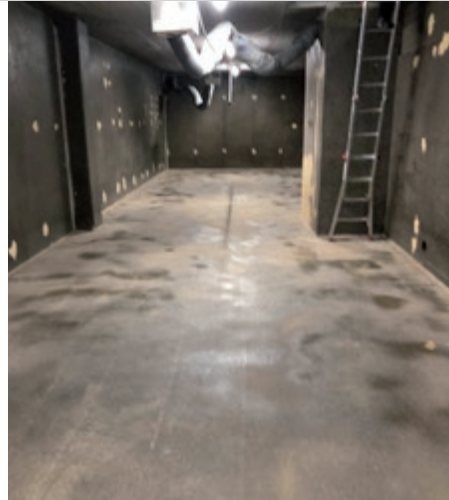
**Woldemar Haak** (Sales Management)  
+49-5223-96276-13  
[Woldemar.Haak@chesterton.com](mailto:Woldemar.Haak@chesterton.com)

### Our Products:

- CP-SYNTHOFLOOR 8010
- PROGUARD CN 200



The concrete surfaces are prepared using a dust-free technology. Blowholes and fixing holes are covered with a high-quality filler.



Firstly, the concrete substrate is primed with our base coat **CP-SYNTHOFLOOR 8010**. Quartz sand is sprinkled onto the wet layer, which forms an anchoring profile for the following layer. Floor unevennesses are levelled by an additional scratch coat (primer enriched with quartz sand).



Our versatile coating **PROGUARD CN 200** is easily applied by airless spray. Due to its high sagging limit, **PROGUARD CN 200** can also be sprayed on vertical surfaces with a layer thickness of 1000 µm – this allows applications in just one coat and one pass, even for complex surfaces. The coating cures completely within a few days; the tank can be filled and put into operation rapidly.



## Do you need coatings for long-term concrete protection?

## We gladly support you with a high-quality portfolio and competent technical advice!