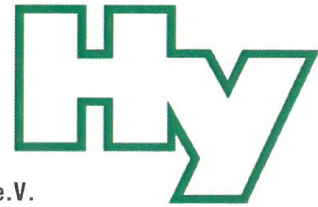


Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Director: Dr. Thomas-Benjamin Seiler

Legal Entity: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.



HYGIENE-INSTITUT · Postfach 10 12 55 · 45812 Gelsenkirchen / GERMANY

CCI Leidingsystemen
Fazantweg 5
4791 RR Klundert
NIEDERLANDE

Visitor's/Parcel Address:
Rotthaus Str. 21
45879 Gelsenkirchen

Telephone +49 (0) 209 9242-0
Extension +49 (0) 209 9242-270
Telefax +49 (0) 209 9242-212
E-Mail k.stefanski@hyg.de
Internet www.hyg.de

Reference-No.: **K-351397-21-Sf**
Contact person: Karin Stefanski

Gelsenkirchen, 28.10.2021

TEST CERTIFICATE according to the DVGW Code of Practice W 347 "hygienic requirements for cement-bound materials for drinking water supply" (status 2006-05)

Product: Cement-lining for steel pipes

Specimen: prisms (grey)

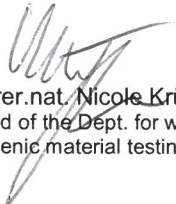
Test result:

The test specimen meet the requirements of the DVGW Code of Practice W 347 (status 2006-05) according to the test report-no.: **K-351397-21-Sf dated 28.10.2021** for the following scopes, as far as the material is qualified technically:

Scope	Products / Components	Assessment
I	mortar lining of cast iron pipes and steel pipes	passed
II	concrete pipes \geq DN 300, reservoirs, cementitious coatings of reservoirs	passed
III	cement for tiles, joint filler, coating of fittings (e.g. for welding joints)	passed
IV	concrete components in protective areas of drinking water plants I, II, III	passed

This test certificate is valid beginning with the date of issue and is ending by **28.10.2026** as far as there are no changes in the formula. After this time it can be extended for further 5 years if demanded.

The Director of the Hygiene-Institute
on behalf of


Dr.rer.nat. Nicole Krüger
Head of the Dept. for water
hygienic material testing



The assessment was based on the assumption that the used starting substances and monomers used to manufacture the product may completely known and no other substances are present in the product. The validity of this document expires in case of modifications in the composition of the product or the processing conditions. The results and evaluations refer to the groups of test items. This document may not be published without our written permission only complete and unchanged or duplicated.

Legal Entity: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V., **Register:** VR 519 Local Court Gelsenkirchen (Germany); **VAT ID:** DE125018356
Directorate: Prof. Dr. Jürgen Kretschmann (Head), Dr. Emanuel Grün, Dr. Dirk Waider, Joachim Luchte, Dr. Thomas-Benjamin Seiler (Executive Member)