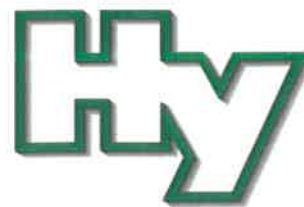


Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Direktor: Prof. Dr. rer. nat. L. Dunemann

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.



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Reference-No.: K-324386-20-WR/sg
Contact person: Roland Weiß (Dipl.-Biologe)
Prolongation: K-263557-15-Sf/st

Gelsenkirchen, 10.02.2020

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

Product: BETEC 322 HOZ

Specimen: prisms (grey)

Test result:

The test specimen meet the requirements of the DVGW Code of Practice W 347 according to the test report-no.: **K-263557-15-Sf/st dated 05.11.2015 and K-242997-14-WR dated 05.05.2014** 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	---
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 **05.05.2024** as far as there are no changes in the formula.

If the product contains organic ingredients, the microbiological behaviour must meet the requirements of DVGW worksheet W 270.

The Director of the Hygiene-Institute
on behalf of

Dr.rer.nat. Andreas Koch
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 This document may not be published without our written permission only complete and unchanged or duplicated.

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V., Vereinsregister: VR 519 Amtsgericht Gelsenkirchen, USt-ID: DE125018356
Vorstand: Prof. Dr. Jürgen Kretschmann (Vors.), Dr. Emanuel Grün, Dr. Dirk Waider, Joachim Löchte, Prof. Dr. Lothar Dunemann (geschäftsf. Vorstand)