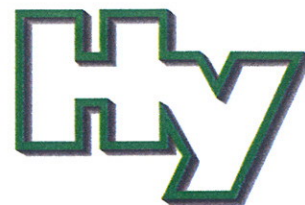


Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie
Direktor: Prof. Dr. rer. nat. L. Dunemann



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Reference-No.: K-214655-12-Bs/st
Contact person: Anasee Bernoussi (Eng.)
Translation: K-214230-12-Bs/st

Gelsenkirchen, 20.03.2012

TEST CERTIFICATE according to the KTW-Recommendations (Bundesgesundheitsblatt Vol. 20, page 124 ff., 1977)

Product: novapress® UNIVERSAL

Test specimen: plates made of novapress® UNIVERSAL
(green marmorate, back side green printed)

Date of receipt: 23.12.2011

The above-mentioned specimen meets the requirements of the KTW-Recommendations part 1.3.13 according to the test report dated 09.03.2012 Ref.-No.: K-214230-12-Bs/st for the following applications and temperatures:

Applications:	cold water (23°C)	warm water (60°C)	hot water (90°C)
A Pipes	---	---	---
B Reservoirs / Containers	---	---	---
C Ancillaries / Fittings	---	---	---
D1 large gaskets	passed	---	passed
D2 small gaskets	passed	---	passed

as far as the material is qualified technically.

If pipes, sealings or fittings and ancillaries do not differ in their material composition and process of manufacture, testing of the smallest diameter of the product range is sufficient.

This test certificate is valid beginning with the date of issue and is ending by **31.12.2016** as far as there are no changes in the formula.

The Director of the Hygiene-Institute
on behalf of



Claudia Karau
Food Chemist
substitutional 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 This document may not be published without our written permission only complete and unchanged or duplicated.



Deutsche
Akkreditierungsstelle
D-PL-13042-02-00

Deutsche Akkreditierungsstelle GmbH German Accreditation Body

Entrusted according to Section 8 subsection 1 AkkStelleG in connection with Section 1 subsection 1 AkkStelleGBV

Signatory to the Multilateral Agreements of
EA, ILAC and IAF for Mutual Recognition

Accreditation



The Deutsche Akkreditierungsstelle GmbH (German Accreditation Body) attests that the testing laboratory

**Hygiene-Institut des Ruhrgebiets
Institut für Umwelthygiene und Umweltmedizin
Rotthausen Straße 19, 45879 Gelsenkirchen**

is competent under the terms of DIN EN ISO/IEC 17025:2005 to carry out tests in the following fields:

Physical, physicochemical, chemical, biological and specific ecotoxicological analyses of water, surface water, natural water, leachate, swimming pool water, waste water, sludge, sediments, solid wastes, matters for recycling and soils; microbiological analyses of water, surface water, swimming pool water as well as mineral and table water; analyses of drinking water as specified by the Trinkwasser-verordnung (German drinking water ordinance) from 2001 excluding radiological parameters; specific physicochemical, chemical and microbiological analysis of non-metallic materials in potable water supply; specific microbiological examination of disinfectants and materials; analyses of organic trace elements in water, aqueous migrates and plastics by means of HPLC-MS; analyses of organic trace elements in water, aqueous migrates and solid matters (i.a. plastics) by means of gas chromatography (GC-MS); sampling of water, natural, potable and waste water, leachate, swimming pool water, water from aquifers and flowing water bodies, soil vapour and sludges; determination (sampling and analysis) of airborne organic gaseous particles, fibrous particles and microbiological substances within the frame of indoor measurements; determination (sampling and analysis) of airborne fibrous particles within the frame of measurements at workplace; determination (sampling and analysis) of particle precipitations within the frame of immission measurements; analysis of solid matters and dust with regard to fibrous particles; determination (sampling and analysis) of inorganic and organic gaseous or particulate air constituents in immission; determination (sampling and analysis) of fibrous particles in immission; sampling of airborne polyhalogenated Dibenzo-p-Dioxins and Dibenzofuranes in immission; modul immission control; technical modules water, soil and contaminated sites as well as waste

The accreditation certificate shall only apply in connection with the notice of accreditation of 12.11.2010 with the accreditation number D-PL-13042-02 and is valid until 18.06.2014. It comprises the cover sheet, the reverse side of the cover sheet and the following annex with a total of 66 pages.

Registration number of the certificate: D-PL-13042-02-00

Berlin, 12.11.2010


Andrea Valbuena
Head of Division

This document is a translation. The definitive version is the original German accreditation certificate.

See notes overleaf.

ZERTIFIKAT

LW-BU0440

über die Anerkennung als DVGW-Prüflaboratorium

Das Prüflaboratorium

**Hygiene-Institut des Ruhrgebiets -Umwelthygiene-
Rotthaus Str. 19, 45879 Gelsenkirchen
DEUTSCHLAND**

ist als

DVGW-Prüflaboratorium Wasser

anerkannt und damit berechtigt, Produktprüfungen für die DVGW CERT GmbH in dem bescheinigten Bereich durchzuführen. Die Anerkennung ist an die Person der Leitung des Prüflaboratoriums bzw. dessen Stellvertretung gebunden.

Leitung des Prüflaboratoriums: **Dr. rer. nat. Andreas Koch**

Stellvertretung: **Dr. rer. nat. Georg-Joachim Tuschewitzki**
Dr. rer. nat. Christiane Schell

Die Anerkennung gilt nur in Verbindung mit der gültigen Anlage zum anerkannten Prüfumfang, sowie der aktuellen Geschäftsordnung zur DVGW-Zertifizierung von Produkten. Sie gilt bis zum 04.01.2015, sofern die Voraussetzungen, die zur Anerkennung geführt haben, unverändert bleiben. Die Erstanerkennung erfolgte am 04.01.2010.

13.01.2010 SH A

Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle

DVGW CERT GmbH - allgemein anerkannte Zulassungsstelle für die Prüflaboratorien im Gas- und Wasserfach

DVGW CERT GmbH - commonly recognized approval body for testing laboratories in the German gas and water industry

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