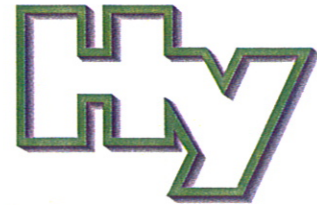


Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

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

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



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

alfa DEVELOPMENT GmbH
Gruber Straße 63
85586 Poing
GERMANY

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

Telephone +49 (0) 209 9242-0
Extension +49 (0) 209 9242-210
Telefax +49 (0) 209 9242-212
E-Mail a.koch@hyg.de
Internet www.hyg.de

Reference-No.: K-266619-16-Ko/st
Contact person: Dr. Andreas Koch
Translation: K-261489-15-Ko

Gelsenkirchen, 27.01.2016

TEST CERTIFICATE according to the UBA-Coating Guideline

Product: COROFLAKE KTW

Test Specimen: coated test plates, grey

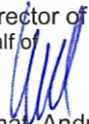
The test specimen meets the requirements according to the test report no.: K-261489-15-Ko dated 15.09.2015 for the following application(s) and temperature(s), as far as technically suited:

Applications:	cold water (23°C)	warm water (60°C)	hot water (85°C)
Pipes with DN < 80 mm (domestic distribution)	---	---	---
Pipes of diameter 80 mm ≤ DN < 300 mm (supply pipes)	---	---	---
Pipes of diameter DN ≥ 300 mm (main pipes)	---	---	---
Fittings for pipes with DN < 80 mm	passed	---	---
Fittings for pipes with 80 mm ≤ DN < 300 mm	passed	---	---
Fittings for pipes with DN ≥ 300 mm	passed	---	---
Sealings for pipes with DN < 80 mm	passed	---	---
Sealings for pipes with 80 mm ≤ DN < 300 mm	passed	---	---
Sealings for pipes with DN ≥ 300 mm	passed	---	---
Tanks in the domestic installations including repair systems	passed	---	---
Tanks other than in domestic installations including repair systems	passed	---	---
Repair systems for tanks in domestic installations with 1/100 of the area of the tank	passed	---	---
Repair systems for tanks other than in domestic installations with 1/100 of the area of the tank	passed	---	---

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 15.09.2020 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. 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.

