Hygiene-Institut des Ruhrgebiets
Institut für Umwelthygiene und Toxikologie
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Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.

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Reference-No.: **K-278312-16-Ko/st**
Contact person: Dr. Andreas Koch
Translation: K-276910-16-Sf/st

Gelsenkirchen, 29.11.2016

TEST CERTIFICATE

according to the transitional rule of the Elastomer-Guideline

Product: **Sealant KLINGERSIL® C-4500**

Test specimen: test plates, dimension: 200 mm x 200 mm x 2,0 mm (dark grey)

The test specimen meet the requirements according to the test report no.: **K-258463-15-Bs dated 26.06.2015** for the following applications and temperatures, 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	---	---	---
Fittings for pipes with 80 mm ≤ DN < 300 mm	---	---	---
Fittings for pipes with DN ≥ 300 mm	---	---	---
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 domestic installations including repair systems	---	---	---
Tanks other than in domestic installations including repair systems	---	---	---

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 **26.06.2020** as far as there are no changes in the formula. After this time it can be extended if demanded, but only with maximum validity until 31.12.2021.

The Director of the Hygiene-Institute
on behalf of

Dr. rer. nat. Andreas Koch
Head of the Dept. for water
hygienic material testing

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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.