



(Certified English Translation)

LADR GmbH

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- State approved
- Accredited by:



DAP PL-3022-00

Geesthacht, 10 July 2009

Test Certificate

according to KTW recommendations
(Federal Health Gazette 20, 1977)

(This test was implemented in accordance with the requirements of the KTW recommendation dated October 2005.)

Applicant: WEBAC Chemie GmbH
Fahrenberg 22
22885 Barsbüttel near Hamburg
Germany

Product: Polyurethane Resin
WEBAC®PURseal

Test type: Product Testing

According to the test report of 10 July 2009, **laboratory number 26447-00-01**, the test samples of **WEBACPURseal** provided fulfill the requirements of the KTW recommendations for the following

Application Range(s):

Temperature Range(s):

	Cold water	Warm water	Hot water
A Pipes	---	---	---
B Containers	fulfilled	---	---
C Equipment gear	---	---	---
D1 Large-surface sealants	---	---	---
D2 Other sealants and adhesives	---	---	---

if the material is suitable for these in technical terms.

Head of Laboratory: (signature)

¹ Medical Supply Center Dr. Kramer and Colleagues

² Dept. of Water-Sewage-Environmental-Hygiene

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WEBAC Chemie GmbH
Fahrenberg 22

DAP PL-3022-00

22885 Barsbüttel near Hamburg

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Test Report

(This test was implemented in accordance with the requirements of the KTW recommendation dated October 2005.)

Laboratory no.:	26447-00-01	KTW classification:	B test (containers)
Manufacturer:	WEBAC Chemie	O/V ⁵ ratio:	1:4 cm ² /cm ³
Type of sample:	PU Injection Resin	Test sample surface:	50.5 cm ²
Name of sample:	WEBAC [®] PURseal	Test water volume:	202 ml

Test results:

Parameter	After 3 days	After 6 days	After 9 days	KTW requirement after 9 days
pH	8.01	7.58	7.69	6.5-9.5
Color (436 nm)	<0.1	<0.1	<0.1	DIN 38404 C5 n.n.b. (≤0.5 for 436 nm)
1/m				DIN EN ISO 7887
Turbidity	<0.1	<0.1	<0.1	n.n.b. (≤1.5)
TE/F				DIN EN ISO 7027
Tendency to foam formation	none	none	none	n.n.b.
Threshold odor number (20° C)	1	1	1	≤2
TOC (mg C/m ² *day)	6	5	2	≤10
Oxidation reaction with chlorine (mg Cl ₂ /m ² *day)	7	2	1	DIN EN 1484 ≤8 DIN EN ISO 7393-2

n.n.b. = no detectable influence

Assessment:

The test samples of **WEBACPUR[®]seal** provided fulfill the requirements according to the KTW recommendations of the Federal Health Dept. for the application range B test (containers) (O/V ratio 1:4 cm²/cm³). No aromatic amines are verifiable qualitatively.

Head of Laboratory: (signature)

In my capacity as a public translator for the English language, duly commissioned and sworn by the President of the Regional Court of Heidelberg (Landgericht Heidelberg), I hereby confirm that the foregoing is a true and complete translation of the German document submitted to me in the original.

Heidelberg, Germany
16 September 2009



³ Medical Supply Center Dr. Kramer and Colleagues

⁴ Dept. of Water-Sewage-Environmental-Hygiene

⁵ surface/volume