Das Kunststoff-Zentrum

Test report no.: **219078/21**

Customer:
Hermann Otto GmbH
Krankenhausstr. 14
83413 Fridolfing
GERMANY

Order: Assessment of the staining of substrates by the Joint sealant **OTTOSEAL S80** according to ISO 16938-1: 2012-12

Letter of: 2021-08-02 **Ref:** Ms. Isabella Schubert

Sample receipt: 2021-08-11

Test period: 2021-08-12 to 2021-10-06

The test report comprises 4 pages.
This test report replaces the test report of 11 October 2021.

Würzburg, 1 June 2022
Lg/km/

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1. Order

The Company Hermann Otto GmbH, Krankenhausstr. 14, 83413 Fridolfing, GERMANY, instructed SKZ - Testing GmbH by letter of 2 August 2021 to carry out the product-type determination of the joint sealant **OTTOSEAL S80** according to ISO 16938-1: 2012-12.

2. Test material

The SKZ - Testing GmbH received the following samples for testing (description is based on inspection of the samples at SKZ - Testing GmbH and on the manufactur-er`s data):

3 cartridges one-component sealant

Designation:	**OTTOSEAL S80**
Type (chemical family):	---
Colour:	Transparent
Batch number:	04E99841
Sample receipt:	2021-08-11

3. Test procedure

The test of the sealant was performed in accordance with ISO 16938-1: 2012-12.

Usually we carry out tests according to standards for which we have an accreditation. The list of all standards for which we are accredited is shown on the homepage at www.skz.de. In case of non-accredited procedures they are marked with *.

Unless indicated otherwise, preconditioning and test procedure was performed at standard conditioning atmosphere 23/50, class 1 according to DIN EN ISO 291: 2008-08.

Production and pre-treatment of test specimens

For the test specimens with the joint dimensions 12 x 12 x 50 mm were produced according to DIN EN ISO 8340:2005-09.

For the determination of all tensile properties and adhesion/cohesion properties substrate according to the following table was used and prepared:

Substrate according to ISO 13640:1999-12	Primer	Drying time of the primer up to the application of the sealant in the joints
Marmor Carrara	---	---

The preconditioning of the test specimens was carried out according to DIN EN ISO 8340:2005-09, method A.

Method A: Standard conditioning atmosphere 23/50, class 1 according to DIN EN ISO 291:2008-08

3.1 Staining after heat aging

The test was carried out in accordance with ISO 16938-1: 2012-12, point 8.2.2 as a storage at 70 °C (+/- 2 °C) for a period of 14 days or 28 days.

4. Test results - OTTOSEAL S80

Substrate	Exposure	Sample-no.		14 days		28 days	
				Minimum stain width in mm	Maximum stain width in mm	Minimum stain width in mm	Maximum stain width in mm
Marmor Carrara	70 °C	1	A	0	0	0	0
			B	0	0	0	0
		2	A	0	0	0	0
			B	0	0	0	0

5. Evaluation of the results

The joint sealant **OTTOSEAL S80** meets the requirements of ISO 16938-1: 2012-12.