

# Test Report

No. 25080275/Gi  
dated 2008-10-16  
Lab.-No. 2434/08-252

**Subject:** Testing of the insulation resistance of the elastic silicone joint sealants „PCI Silicoferm S“ and „PCI Carraferm“ according to DIN IEC 167

**Contractor:** PCI Augsburg GmbH  
Piccardstraße 11  
86159 Augsburg

**Date of order:** 2008-09-16

**Sampling:** by the contractor

The test report contains: 2 pages

## **1. Generally**

The contractor ordered the Materialprüfungsamt für das Bauwesen der Technischen Universität München (MPA BAU) with letter of 2008-09-16 to carry out the testing of the insulation resistance of the elastic silicone joint sealants „PCI Silicoferm S“ and „PCI Carraferm“ according to DIN IEC 167 “Methods of test for insulating materials for electrical purposes; Insulation resistance of solid materials”.

## **2. Applied materials**

The contractor has taken original-packagings of „PCI Silicoferm S“ charge-no 08/10-200100117218 and “PCI Carraferm” charge-no. 08/25-200100121335 and has stored it before testing for at least 24 hours at normal test conditions ( $23 \pm 2$ )°C and ( $50 \pm 5$ )% relative humidity.

## **3. Execution of the tests and test result**

The elastic silicone joint sealants „PCI Silicoferm S“ and „PCI Carraferm“ were applied in a thickness of 3 mm on rectangular plates made of teflon with the dimensions 150 x 65 mm. The test samples were stored for 7 days at normal test conditions ( $23 \pm 2$ )°C and ( $50 \pm 5$ )% relative humidity.

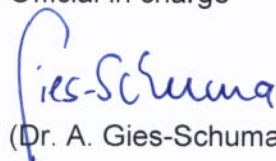
For the testing of the insulation resistance of the elastic silicone joint sealants „PCI Silicoferm S“ and „PCI Carraferm“ two 1 mm wide electrodes of argentine with a length of 100 mm were applied in a distance 10 mm on the surface of the test samples. The testing of the insulation resistance was carried out with an insulation tester “Siemens Isowid B4102” on a voltage of 500 V at normal test conditions ( $23 \pm 2$ )°C and ( $50 \pm 5$ )% relative humidity during a period of 1 min. In all cases the insulation resistance of the elastic silicone joint sealants „PCI Silicoferm S“ and „PCI Carraferm“ was  $\geq 1 \text{ T}\Omega$ .

Head of the test laboratory



(Dr. G. Winklmeier)

Official in charge



(Dr. A. Gies-Schuma)