

Building materials advice centre - Rheinland -

Chemical + physical research and test laboratory for building materials

Engineering and surveyor office Dipl.-Ing.Chem. Uwe Schubert



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TEST REPORT / ASSESSMENT

Registration number : 53-1607/12 CPH-13478

Customer : ROMEX PFM GmbH
Von-Bassenheim-Strasse 2
53881 Euskirchen

Re. : Product: ROMPOX PROFI DEKO

Date of report : 19.07.2012


Order : 16.07.2012

No. of pages : - 3 -

Enclosures : - / -

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Recognised by RAL for the planning of maintenance of concrete buildings GUEP e.V.

<p>Telephone: 0228 - 469589 central Telefax: 0228 - 471497 Internet: www.bzr-institut.de E-Mail: BZR-Institut@t-online.de Service: 01722688632 (24 hrs.)</p>		<p>Testing building materials & components / damage analysis</p> <p>Thermography / construction physical calculations / analyses chemical analytics : UV-Photometry / Infraredspectrometry Gaschromatography / Flamephotometry / Coulometry / Electronmicroscopy (ATEM/AREM) / Lightmicroscopy X-ray fluorescence / acquisition and evaluation of harmful substances and hazardous materials in buildings and plants.</p>
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ROMEX PFM GmbH

1. SCOPE OF ORDER

On 16.07.2012 we received the order from the customer

ROMEX PFM GmbH
Von-Bassenheim-Str. 2
53881 Euskirchen

to carry out laboratory tests on the following product

ROMPOX PROFI DEKO

and to write a written report on the results.

2. SAMPLES; ENTRY


The material samples to be tested were delivered to the test institute on 16.07.2012.
4 prisms with the measurements approx. 160 mm x 40 mm x 40 mm, were supplied, and it was evident that they had been cut out of a larger test sample (sides showed cut and saw marks). The material comprised a bound, rough grain sand of red brown colour.

3. NOTES; GENERAL

According to the customer's requirements the following hard mortar properties were to be determined:

- a) - Raw density
- b) - Bending tensile strength
- c) - Compressive strength

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ROMEX PFM GmbH

4. LABORATORY TESTS

4.1 Making test samples:

Due to the uneven cut edges of the samples, they were planed smooth first. They were not kept in storage, on request of the customer, they were tested on the day of delivery.

4.2 Determining raw density of the hard mortar

Testing of raw density (air dry) was done in accordance with DIN EN 1015-10:1999 after storing the samples at the aforementioned climatic conditions.

4.3 Determining bending tensile and compressive strength:

Determining the bending tensile and compressive strength was carried out according to the testing regulations of DIN EN 1015-11:1999.

The test results are shown in the following table

TABLE 1

No.	Raw density kg/dm ³	Bending tensile strength N/mm ²	Compressive strength N/mm ²
1	1,575	5,10	13,1 / 13,9
2	1,567	4,65	13,7 / 14,1
3	1,588	4,75	14,3 / 14,0
Ø	1,58	4,8	13,9

53229 Bonn, 19.07.2012

Manager

Assistant

Dipl.-Ing. Chem. U. Schubert

Dipl.-Ing. A. Olschewski