**GUIDELINES**

**GENERAL INFORMATION**

The PT scheme named Interlaboratory tests on adhesives for ceramic tiles meet the requirements of the standard EN ISO/IEC 17043:2023 “Conformity assessment - General requirements for the competence of proficiency testing providers”. Participation is confidential and each laboratory receives a unique code-number every year.

After completed the statistical calculation of the results, each participant receives a General Report which contains the results evaluation based on the “z”-score.

The adhesive samples put at participants’ disposal by CEPROCIM S.A, will be placed into work by ALL the participants between 4th – 15th November, 2024, taking into account the following indications:

* the adhesive will be worked in the same day in which the container will be opened;
* before perform the tests, the total quantity of adhesive enclosed in the container will be homogenized in order to better disperse the components of the adhesive possible segregated in time during the transport.

**INFORMATION REGARDING THE TESTS**

All participants in the scheme will use the adhesive received in the package. The ceramic tiles and the concrete slabs used will be the ones specific to each participating laboratory.

The tests included in the scheme are:

* initial adhesion strength;
* tensile adhesion strength after water immersion;
* tensile adhesion strength after heat ageing;
* tensile adhesion strength after freeze–thaw cycle;
* open-time after not less than 20 minutes;

according to EN 12004-2:2017 on cementitious adhesive.

The amount of water required for preparing the adhesive: 220 ml/ 1 kg adhesive.

Let the adhesive to mature for 5 minutes, followed by further mixing for 15 seconds.

The results will be quoted to the nearest 0,1 N/mm2 according to EN 12004-2:2017. The failure pattern will be determined according to Annex B in EN 12004-2:2017.

The tests results will be filled in the RESULTS FORM and will be sent by e-mail or by fax to CEPROCIM S.A. no later than 10th January, 2025.

**CONTACT:**

**Technical Manager - Cristina STANCU, cristina.stancu@ceprocim.ro**

NOTE: In order to update the data base with your organisation name, address, phone and fax number, e-mail, internet address, laboratory manager etc., please fill in your data in the empty spaces.

|  |  |  |  |
| --- | --- | --- | --- |
| **Organisation name:** |  | | |
| **Address:** |  | | |
| **Phone** |  | **Fax:** |  |
| **Internet address:** | **http://** | **E-mail:** |  |

**RESULTS FORM**

|  |  |  |
| --- | --- | --- |
| TEST | Tensile adhesion strength, N/mm2 | Predominant mode of failure |
| INITIAL ADHESION STRENGTH |  |  |
| TENSILE ADHESION STRENGTH AFTER HEAT AGEING |  |  |
| TENSILE ADHESION STRENGTH AFTER WATER IMMERSION |  |  |
| TENSILE ADHESION STRENGTH AFTER FREEZE–THAW CYCLE |  |  |
| OPEN TIME AFTER NOT LESS THAN 20 MINUTES |  |  |

**LABORATORY MANAGER**

Name, surname:

*NOTE: All the participants must put into work the sample between 4th – 15th November, 2024.*