



**INSTITUT IMS AD  
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**IMS INSTITUTE PROVIDER PROGRAMME FOR 2017**

| Programme (scheme) code | Type of scheme<br>Category of scheme:<br>sim/seq/qual/quan | PT activity domain                    |                  |  | Period of implementation               |                                 |  |  |                           | Minimum participants | Cost per property/parameter (€) |
|-------------------------|--|---------------------------------------|------------------|--|--|---------------------------------|--|--|---------------------------|----------------------|---------------------------------|
|                         |  | Subject of testing/<br>product        | Testing method   | Properties/<br>Parameters  | Applicati<br>on<br>(date/dea<br>dline) | Test item<br>shipment<br>(date) | Results<br>delivery<br>(date/dea<br>dline) | Test item<br>return*<br>(delivery<br>deadline) | Final<br>report<br>(date) |                      |                                 |
| PIO KAG/fm<br>101/17    | split sample<br>scheme<br>(simultaneous<br>quantitative)   | natural stone<br>aggregate<br>8÷16 mm | EN 933-4         | determination of<br>particle shape                                     | 23.01.17.                              | 24.02.17.                       | 13.03.17.                                  | -  | 10.04.17.                 | 7                    | 50                              |
|                         |  |                                       | EN 1097-1        | determination of the<br>resistance to wear<br>(micro-Deval)            |  |                                 |  |  |                           |                      | 100                             |
|                         |  | natural stone<br>aggregate<br>4÷8 mm  | EN 1097-3        | determination of<br>loose bulk density                                 |  |                                 |  |  |                           |                      | 60                              |
| PIO OTP/h<br>01/17      | split sample<br>scheme<br>(simultaneous<br>quantitative)   | solid waste<br>based on ash           | EN 15309         | determination of<br>elemental<br>composition by<br>instrumental metods | 06.02.17.                              | 10.03.17.                       | 27.03.17.                                  | -  | 24.04.17.                 | 5                    | 180                             |
| PIO PIV/fm<br>01/17     | split sample<br>scheme<br>(simultaneous<br>quantitative)   | OSB<br>chipboard<br>panels            | EN 310           | modulus of elasticity<br>in bending & bending<br>strength              | 20.02.17.                              | 17.03.17.                       | 14.04.17.                                  | -  | 03.05.17.                 | 5                    | 200                             |
|                         |  |                                       | EN 317           | swelling in thickness<br>after immersion in<br>water                   |  |                                 |  |  |                           |                      | 80                              |
|                         |  |                                       | EN 321           | moisture resistance  |  |                                 |  |  |                           |                      | 80                              |
| PIO CEM/h<br>01/17      | split sample<br>scheme<br>(simultaneous<br>quantitative)   | cement                                | EN 196-2<br>a. 4 | wet chemistry<br>chemical analyses                                     | 06.03.17.                              | 31.03.17.                       | 28.04.17.                                  | -  | 29.05.17.                 | 9                    | 120                             |
|                         |  |                                       | EN 196-2<br>a. 5 | XRF spectroscopy<br>chemical analyses                                  |  |                                 |  |  |                           |                      | 120                             |

<sup>1</sup> if weather conditions do not permit the sampling, scheme will be postponed until conditions are created



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|                         |  | Subject of testing/<br>product          | Testing method | Properties/<br>Parameters  | Application<br>(date/deadline) | Test item shipment<br>(date) | Results delivery<br>(date/deadline) | Test item return*<br>(delivery deadline) | Final report<br>(date) |                      |                                 |
|                         |  |   | EN 196-10      | watersoluble Cr (VI) content   |                                |                              |                                     |  |                        |                      | 50                              |
| PIO BIT/f<br>01/17      | split sample scheme<br>(simultaneous quantitative)         | bitumen                                 | EN 15326       | measurement of density   | 20.03.17.                      | 21.04.17.                    | 08.05.17.                           | -  | 05.06.17.              | 9                    | 90                              |
|                         |  |   | EN 1426        | determination of needle penetration  |                                |                              |                                     |  |                        |                      | 90                              |
|                         |  |   | EN 1427        | determination of the softening point   |                                |                              |                                     |  |                        |                      | 90                              |
| PIO BUK/a<br>01/17      | comparing measurements<br>(simultaneous quantitative)      | environment noise level                 | ISO 1996-2     | measurement of noise level indoors   | 04.04.17.                      | 08.05.17. to 12.05.17.       | 04.05.17. to 05.05.17.              | -  | 09.06.17.              | 9                    | 220                             |
| PIO ZIZ/a<br>01/17      | comparing measurements<br>(simultaneous quantitative)      | sound insulation of separating elements | ISO 16283-1    | field measurement of airborne sound insulation in buildings and of building elements | 25.04.17.                      | 22.05.17. to 26.05.17.       | 22.05.17. to 26.05.17.              | -  | 26.06.17.              | 5                    | 220                             |
|                         |  |   | ISO 16283-2    | field measurement of impact sound insulation in buildings and of building elements   |                                |                              |                                     |  |                        |                      | 220                             |



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| PIO VPS/f 01/17                | comparing measurements (simultaneous quantitative) | apartment air              | SRPS U.J5.100 EN 12239<br>EN ISO 9972 | determination of air permeability of buildings | 05.06.17                    | 12.06.17. to 16.06.17.    | 12.06.17.                        | 17.07.17.                             | 17.07.17.           | 5                    | 200                             |
| PIO OPC/m 01/17                | split sample scheme (simultaneous quantitative)    | clay brick                 | EN 772-1                              | compressive strength                           | 06.06.17.                   | 07.07.17.                 | 31.07.17.                        | -                                     | 29.08.17.           | 7                    | 240                             |
| PIO PPZ/p 01/17                | split sample scheme (simultaneous quantitative)    | mineral wool               | EN ISO 1182                           | non-combustibility test                        | 19.06.17.                   | 14.07.17.                 | 07.08.17.                        | -                                     | 04.09.17.           | 5                    | 200                             |
| PIO CEM/fm 02/17               | split sample scheme (simultaneous quantitative)    | cement                     | SRPS B.C8.023                         | bulk density                                   | 10.07.17.                   | 28.07.17.                 | 11.09.17.                        | -                                     | 23.10.17.           | 9                    | 30                              |
|                                |  |                            | EN 196-1                              | weight of prism                                |                             |                           |                                  |                                       |                     |                      | 20                              |
|                                |  |                            |                                       | flexural strength (after 2, 7 & 28 days)       |                             |                           |                                  |                                       |                     |                      | 100                             |
|                                |  |                            |                                       | compressive strength (after 2, 7 & 28 days)    |                             |                           |                                  |                                       |                     |                      | 100                             |
|                                |  |                            | EN 196-3                              | standard consistency water content             |                             |                           |                                  |                                       |                     |                      | 20                              |
| determination of setting times | 40   |                            |                                       |  |                             |                           |                                  |                                       |                     |                      |                                 |

**Cancelled due to insufficient participants**



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|                         |   |                                 |                 | determination of soundness   |                             |                           |                                  |                                       |                     |                      | 20                              |
|                         |   |                                 | EN 196-6 a.3    | sieving method (90 and 45 µm)                                      |                             |                           |                                  |                                       |                     |                      | 20                              |
|                         |   |                                 | EN 196-6 a.4    | air permeability method - Blaine                                   |                             |                           |                                  |                                       |                     |                      | 30                              |
|                         |   |                                 | EN 196-8        | heat of hidratation  |                             |                           |                                  |                                       |                     |                      | 50                              |
| PIO TIZ/fm 01/17        | split sample scheme (simultaneous quantitative) | thermal insulation in buildings | EN 822 ÷ EN 825 | determination of length, width, thickness, squareness and flatness | 24.07.17.                   | 18.08.17.                 | 12.09.17.                        | -                                     | 09.10.17.           | 5                    | 60                              |
|                         |   |                                 | EN 826          | compression behaviour  |                             |                           |                                  |                                       |                     |                      | 60                              |
|                         |   |                                 | EN 1603         | dimensional stability under constant conditions                    |                             |                           |                                  |                                       |                     |                      | 60                              |
|                         |   |                                 | EN 1604         | dimensional stability under specified conditions                   |                             |                           |                                  |                                       |                     |                      | 60                              |
|                         |   |                                 | EN 1605         | deformation under specified conditions                             |                             |                           |                                  |                                       |                     |                      | 60                              |
|                         |   |                                 | EN 12089        | bending behaviour  |                             |                           |                                  |                                       |                     |                      | 100                             |

**Postponed due to insufficient participants**



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|                         | Category of scheme: sim/seq/qual/quan                     | Subject of testing/product      | Testing method          | Properties/Parameters   | Application (date/deadline) | Test item shipment (date)   | Results delivery (date/deadline) | Test item return* (delivery deadline) | Final report (date)           |                      |                                 |
| PIO KER/fm<br>01/17     | split sample scheme (simultaneous quantitative)           | ceramic tiles                   | EN ISO 10545-2          | determination of dimensions   | 28.08.17.                   | 22.09.17.                   | 16.10.17.                        | -                                     | 13.11.17.                     | 7                    | 100                             |
|                         |   |                                 | EN ISO 10545-3 a. 5.1.1 | determination of water absorption (by immersion into boiling water) |                             |                             |                                  |                                       |                               |                      | 90                              |
|                         |   |                                 | EN ISO 10545-3 a. 5.1.2 | determination of water absorption (by immersion under vacuum)       |                             |                             |                                  |                                       |                               |                      | 90                              |
|                         |   |                                 | EN ISO 10545-4          | determination of modulus of rupture and breaking strength           |                             |                             |                                  |                                       |                               |                      | 240                             |
| PIO BUK/a<br>02/17      | comparing measurements (simultaneous quantitative)        | environment noise level         | ISO 1996-2              | measurement of noise level outdoors                                 | 05.09.17.                   | 02.10.17. to 06.10.17.      | 02.10.17. to 06.10.17.           | -                                     | 06.11.17.                     | 7                    | 220                             |
| PIO BUK/a<br>03/17      | comparing measurements (simultaneous quantitative)        | source of noise                 | EN ISO 3744             | determination of sound power levels of noise sources                | 25.09.17.                   | from 27.10.17. successively | on day of return                 | 3 working days                        | 4 weeks after the last result | 7                    | 220                             |
| PIO KAG/f<br>02/17      | formatted split sample scheme (simultaneous quantitative) | natural stone aggregate 0÷16 mm | EN 933-1                | determination of particle size distribution - sieving method        | 17.10.17.                   | 24.11.17.                   | 18.12.17.                        | -                                     | 19.01.18.                     | 7                    | 160                             |

PZ 03

\* only for sequential schemes



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| PIO TIZ/fm<br>01.1/17   | split sample scheme (simultaneous quantitative) | thermal insulation in buildings | EN 822 ÷ EN 825 | determination of length, width, thickness, squareness, etc. | 13.11.17.                   | 08.12.17.                 | 15.01.18.                        | -                                     | 12.02.18.           | 5                    | 60                              |
|                         |   |                                 | EN 826          | compression behaviour                                       |                             |                           |                                  |                                       |                     |                      | 60                              |
|                         |   |                                 | EN 1603         | dimensional stability under constant conditions             |                             |                           |                                  |                                       |                     |                      | 60                              |
|                         |   |                                 | EN 1604         | dimensional stability under specified conditions            |                             |                           |                                  |                                       |                     |                      | 60                              |
|                         |   |                                 | EN 1605         | deformation under specified conditions                      |                             |                           |                                  |                                       |                     |                      | 60                              |
|                         |   |                                 | EN 12089        | bending behaviour   |                             |                           |                                  |                                       |                     |                      | 100                             |

**Canceled due to unprepared documentation**