**SCOPE 252 ЛИ**

**Sofia, 15.07.2025**

**CENTER FOR TESTING AND EUROPEAN CERTIFICATION LTD**

**CONSTRUCTION PRODUCTS TESTING LABORATORY**

**Managementl Address:** 6006 Stara Zagora, Industrial Quarter, 2 Industrialna Str.

**Laboratory Address:** 6006 Stara Zagora, Industrial Quarter, 2 Industrialna Str.

**To perform testing of:**

| **Type of the scope:** *flexible* | | | |
| --- | --- | --- | --- |
| **№** | **Tested Products** | **Type of Test/Characteristic** | **Testing methods**  **(standard / validated method)** |
| 1 | 2 | 3 | 4 |
| 1. | Building lime | 1.1 Maintaining a constant volume/slaked/ | БДС EN 459-2 |
| 1.2 Extraction of lime slurry | БДС EN 459-2 |
| 1.3 Subtlety of grinding | БДС EN 459-2, cl. 7.1 |
| 1.4 Connection time | БДС EN 459-2 |
| 1.5 Spreading diameter | БДС EN 459-2 |
| 1.6 Ability to retain water | БДС EN 459-2 |
| 1.7 Content of air | БДС EN 459-2 |
| 1.8 Bulk density | БДС EN 459-2 |
| 1.9 Free water | БДС EN 459-2 |
| 1.10 Reactivity | БДС EN 459-2 |
| 1.11 CaO+MgO content | БДС EN 459-2 |
| 1.12 Active MgO content | БДС EN 459-2 |
| 1.13 SO3 content | БДС EN 459-2 |
| 1.14 CO2 content | БДС EN 459-2, cl. 6.6 |
| 1.15 Loss ignition | БДС EN 459-2 |
| 1.16 Content of available lime | БДС EN 459-2 |
| 2. | Gypsum binders and gypsum plasters (1) and gypsum-based  construction products (2) | 2.1 Particle size distribution | БДС EN 13279-2 (1) |
| 2.2 Content of CaSO4 | БДС EN 13279-2 (1) |
| 2.3 Ratio of water / plaster | БДС EN 13279-2 (1) |
| 2.4 Initial setting time | БДС EN 13279-2 cl.  4.4.1 (1) |
| 2.5 Bending strength | БДС EN 13279-2 (1) |
| 2.6 Compressive strength | БДС EN 13279-2 (1) |
| 2.7 SO3 content | БДС EN 13279-2 (1) |
| 2.8 Hardness | БДС EN 13279-2 (1) |
| 2.9 Presence of cracks | БДС EN 13963 (1) |
| 2.10 Strength of adhesion | БДС EN 13279-2 (1) |
| 2.11 Dimensions  /thickness, height, length/ | БДС EN 520+A1 (2)  БДС EN 12859 (2)  БДС EN 15283-1+A1 (2)  БДС EN 15283-2+A1 (2) |
| 2.12 Density | БДС EN 520+A1 (2)  БДС EN 12859 (2)  БДС EN 15283-2+A1 (2) |
| 2.13 Flatness | БДС EN 12859 (2) |
| 2.14 Mass | БДС EN 12859 (2) |
| 2.15 Bending strength-breaking load | БДС EN 520+A1 (2)  БДС EN 12859 (2)  БДС EN 15283-1+A1 (2) |
| 2.16 Tensile strength in bending | БДС EN 15283-2+A1 (2)  БДС EN 14353 (2) |
| 2.17 pH value | БДС EN 12859 (2)  БДС EN 12860 (1) |
| 2.18 Moisture content | БДС EN 12859 (2) |
| 2.19 Water absorption | БДС EN 12859 (2) |
| 2.20 Total water absorption | БДС EN 520+A1 (2)  БДС EN 15283-1+A1 (2)  БДС EN 15283-2+A1 (2) |
| 2.21 Surface hardness | БДС EN 520+A1 (2)  БДС EN 15283-1+A1 (2)  БДС EN 15283-2+A1 (2) |
| 2.22 Shear strength | БДС EN 520+A1 (2)  БДС EN 15283-2 (2) |
| 2.23 Thermal resistance/thermal conductivity | БДС EN 13815 Annex B (2)  БДС EN ISO 6946 cl. 5.1 (2) |
| 3. | Steel for reinforcement of concrete. Weldable reinforcing steels | 3.1 Extension | БДС EN ISO 15630-1 |
| 3.2 Nominal diameter | БДС EN ISO 15630-1 |
| 3.3 Nominal cross section area | БДС EN ISO 15630-1 |
| 3.4 Nominal linear mass | БДС EN ISO 15630-1 |
| 3.5 Cohesion | БДС EN ISO 15630-1 |
| 3.6 Terms of voltage (maximum strength / flow limit and tensile) | БДС EN ISO 15630-1 |
| 3.7 Limit of yield and tensile | БДС EN ISO 15630-1 |
| 3.8 Tensile strength | БДС EN ISO 15630-1 |
| 4. | Aggregates (1) / rock materials (2) | 4.1  Particle size distribution | БДС EN 933-1 (1,2)  БДС EN 13383-2 (2) |
| 4.2 Fine particle content passing through a 0.063mm sievе | БДС EN 933-1 (1) |
| 4.3 Particle density:  -apparent particle density;  -oven-dried particle density  -saturated and surface-dried particle density;  -pre-dried particle density | БДС EN 13383-2 (2)  БДС EN 1097-6 (1) |
| 4.4 Water absorption | БДС EN 1097-6 (1)  БДС EN 13383-2 (2) |
| 4.5 Flakiness index | БДС EN 933-3 (1) |
| 4.6 Shape index | БДС EN 933-4 (1) |
| 4.7 Shell content | БДС EN 933-7 (1) |
| 4.8 Sand equivalent | БДС EN 933-8+A1 (1) |
| 4.9 Resistance to fragmentation /Los Angeles/ | БДС EN 1097-2 cl. 5 (1,2) |
| 4.10 Resistance to wear/micro-Deval/ | БДС EN 1097-1 (1,2) |
| 4.11 Resistance to freezing and thawing | БДС EN 1367-1 (1,2) |
| 4.12 Resistance to freezing and thawing - accelerated by MgSO4 | БДС EN 1367-2 (1,2) |
| 4.13 Bulk density | БДС EN 1097-3 (1,2) |
| 4.14 Resistance to fragmentation | БДС EN 206+A2/NA (Annex NA.Q.) (1) |
| 4.15 Adhesion with bitumen | БДС EN 12697-11,  cl. 6 (1, 2) |
| 4.16 Assessment of fines with methylene blue (fines / methylene blue value) | БДС EN 933-9 (1, 2) |
| 4.17 Content of particles with:  -crushed and broken surfaces  rounded surfaces  -totally crushed and broken surfaces  -totally rounded surfaces | БДС EN 933-5 +Al  (1, 2) |
| 4.18 Chlorides content | БДС EN 1744-1+A1  (1, 2) |
| 4.19 Acid soluble sulphates content | БДС EN 1744-1+A1  (1, 2) |
| 4.20 Water soluble sulphates | БДС EN 1744-1+A1,  cl. 10.1 (1, 2) |
| 4.21 Sulphur SO3 content | БДС EN 1744-1+A1,  cl. 11.1 (1, 2) |
| 4.22 Contaminations with low weight | БДС EN 1744-1+A1  (1, 2) |
| 4.23 Availability of organic components - humus | БДС EN 1744-1+A1  cl. 15.1 (1,2) |
| 4.24 Resistance to alkali-silicon reaction /determination of silicon/ | БДС 14851 cl. 8 (1) |
| 4.25 Water content | БДС EN 1097-5 (1, 2) |
| 4.26 Water-soluble salts content | БДС 11301 (1, 2) |
| 4.27 Content of fine particles passing through a 0.05mm sievе | БДС EN 933-1 (2) |
| 4.28 Content of particles with length ≥100mm | БДС EN 13450 (2) |
| 4.29 Resistance to freezing and thawing - direct freezing 25 cycles | БДС EN 13383-2 (2) |
| 4.30 Compressive strength | БДС EN 1926 (2) |
| 4.31 Particles shape | БДС EN 13383-2 (2) |
| 4.32 Determination of calcium carbonate | БДС EN ISO 3262-1  (1, 2) |
| 4.33 Determination of magnesium carbonate | БДС EN ISO 3262-1  (1, 2) |
| 4.34 Polished stone value | БДС EN 1097-8 |
| 5. | Mortar for masonry | 5.1 Consistence | БДС EN 1015-3+A1+A2  БДС EN 1015-4 |
| 5.2 Bulk density | БДС EN 1015-6+A1 |
| 5.3 Air content of fresh mortar | БДС EN 1015-7 cl. 7 |
| 5.4 Compressive strength of hardened mortar | БДС EN 1015-11 |
| 5.5 Flexural strength of hardened mortar | БДС EN 1015-11 |
| 5.6 Chloride content | БДС EN 1015-17 +A1 |
| 5.7 Dry bulk density | БДС EN 1015-10 +A1 |
| 5.8 Particle size distribution | БДС EN 1015-1 +A1 |
| 6. | Hardened concrete | 6.1 Compressive strength | БДС EN 12390-3 |
| 6.2 Density | БДС EN 12390-7 |
| 6.3 Freeze/thaw resistance  - loss of mass  - loss of strength | БДС EN 206+A2/NA  (Annex NA.0.1) |
| 6.4 Water impermeability, Maximum penetration of water | БДС EN 206+A2/NA  (Annex NA. N)  БДС EN 12390-8 |
| 6.5 Probable strength / rebound number/ | БДС EN 12504-2 |
| 6.6 Compressive strength of cored specimens | БДС EN 12504-1 |
| 6.7 Flexural strength | БДС EN 12390-5  Annex A |
| 7. | Fresh concrete | 7.1 Slump-test | БДС EN 12350-2 |
| 7.2 Density | БДС EN 12350-6 |
| 7.3 Air content | БДС EN 12350-7 |
| 7.4 Consistency - slump-flow diameter | БДС EN 12350-8 |
| 7.5 V-funnel flow time | БДС EN 12350-9 |
| 7.6 Passing ability ratio - L box test | БДС EN 12350-10 |
| 7.7 Sieve segregation | БДС EN 12350-11 |
| 7.8 J-ring test:  -passing ability (PJ)  -slump-flow diameter (SFJ)  -flowtime (t500J) | БДС EN 12350-12 |
| 8. | Concrete kerb units | 8.1 Geometric dimensions  - length,  - width,  - height | БДС EN 1340 |
| 8.2 Straightness/bow | БДС EN 1340 |
| 8.3 Draw (Rake angle) | БДС EN 1340 |
| 8.4 Bending strength | БДС EN 1340 |
| 8.5 Abrasion resistance | БДС EN 1340 |
| 8.6 Water absorption | БДС EN 1340 |
| 8.7 Freeze/thaw resistance - mass loss | БДС EN 1340 |
| 8.8 Visual aspects:  -presence of defects in appearance  -presence of defects in texture  -presence of defects in color | БДС EN 1340 |
| 8.9 Slip resistance | БДС EN 1340 |
| 9. | Concrete flags for tile lining on road water gang | 9.1 Geometric dimensions  - length,  - width,  - thickness,  - difference in the diagonals | БДС 11482 |
| 9.2 Distortions in planes  - side planes  - upper and lower plane | БДС 11482 |
| 9.3 Bending strength | БДС 11482 |
| 9.4 Water absorption | БДС 11482 |
| 9.5 Freeze/thaw resistance:  reduce the mass  reduce the tensile strength in bending | БДС 11482 |
| 10. | Concrete paving flags | 10.1 Geometric dimensions  - length,  - width,  - height,  - diagonals | БДС EN 1339 |
| 10.2 Flatness/bow | БДС EN 1339 |
| 10.3 Water absorption | БДС EN 1339 |
| 10.4 Freeze/thaw resistance - mass loss | БДС EN 1339 |
| 10.5 Bending strength | БДС EN 1339 |
| 10.6 Breaking load | БДС EN 1339 |
| 10.7 Abrasion resistance | БДС EN 1339 |
| 10.8 Visual aspects  -presence of defects in appearance  -presence of defects in texture  -presence of defects in color | БДС EN 1339 |
| 10.9 Slip resistance | БДС EN 1339 |
| 11. | Concrete roofing tiles | 11.1 Hanging length | БДС EN 491 |
| 11.2 Cover width | БДС EN 491 |
| 11.3 Flatness | БДС EN 491 |
| 11.4 Mass | БДС EN 491 |
| 11.5 Mechanical resistance (transverse strength) | БДС EN 491 |
| 11.6 Water impermeability - appearance of falling water drops | БДС EN 491 |
| 11.7 Mechanical resistance (transverse strength) after freeze-thaw resistance | БДС EN 491 |
| 11.8 Water impermeability  - appearance of falling water drops after freeze-thaw resistance | БДС EN 491 |
| 12. | Concrete chute for unwater on road water gang | 12.1 Geometric dimensions  - length,  - width,  - height | БДС 11483 |
| 12.2 Availability on cracks | БДС 11483 |
| 12.3 Break off the edges  - number,  - depth,  - length | БДС 11483 |
| 12.4 Availability on roughness  - number,  - height,  - width,  - length | БДС 11483 |
| 12.5 Pores on the front surface  - number,  - depth,  - area | БДС 11483 |
| 12.6 Freeze/thaw resistance  - loss of mass  - loss of strength | БДС EN 206+A2/NA –  (Annex NA.0.1) |
| 13. | Concrete paving blocks | 13.1 Geometric dimensions  - length,  - width,  - thickness,  - diagonals | БДС EN 1338 |
| 13.2 Flatness/bow | БДС EN 1338 |
| 13.3 Visual aspects  - presence of defects in appearance  - presence of defects in texture  - presence of defects in colour | БДС EN 1338 |
| 13.4 Tensile splitting strength  - average,  - single | БДС EN 1338 |
| 13.5 Breaking load | БДС EN 1338 |
| 13.6 Abrasive wear | БДС EN 1338 |
| 13.7 Water absorption | БДС EN 1338 |
| 13.8 Freeze/thaw resistance - mass loss | БДС EN 1338 |
| 13.9 Slip resistance | БДС EN 1338 |
| 14. | Clay roofing tiles | 14.1 Single dimensions  - length,  - width | БДС EN 1024 |
| 14.2 Size of overlap  - Average length of overlap  - Maximum length of overlap  - Average width of overlap  - Maximum width of overlap | БДС EN 1024 |
| 14.3 Distortion | БДС EN 1024 |
| 14.4 Construction characteristics  - break  - structural crack  - loss of nib | БДС EN 1304 |
| 14.5 Impermeability | БДС EN 539-1 cl. 6 |
| 14.6 Flexural strength | БДС EN 538 |
| 14.7 Frost resistance | БДС EN 539-2 |
| 14.8 Mass | БДС EN 1024 |
| 15. | Ceramic tiles | 15.1 Geometric dimensions  - length,  - width,  - thickness | БДС EN ISO 10545-2 |
| 15.2 Straightness | БДС EN ISO 10545-2 |
| 15.3 Squareness | БДС EN ISO 10545-2 |
| 15.4 Flatness | БДС EN ISO 10545-2 |
| 15.5 - Surface Defects  - Decorative defects | БДС EN ISO 10545-2 |
| 15.6 Water absorption | БДС EN ISO 10545-3 |
| 15.7 Bending strength | БДС EN ISO 10545-4 |
| 15.8 Resistance to shock:  Coefficient of reciprocating motion  Presence of chipped or cracking | БДС EN ISO 10545-5 |
| 15.9 Resistance to surface abrasion  - number of revolutions without visible wear  - loss of mass | БДС EN ISO 10545-7 |
| 15.10 Thermal resistance - number of specimens with visible defects | БДС EN ISO 10545-9 |
| 15.11 Moisture extension | БДС EN ISO 10545-10 |
| 15.12 Cold resistance - number of damaged specimens after 100 cycles | БДС EN ISO 10545-12 |
| 16. | Masonry units | 16.1 Geometric dimensions  - length,  - width,  - height | БДС EN 772-16 |
| 16.2 Length of the diagonal Flatness of based | БДС EN 772-20+A1 |
| 16.3 Thickness of exposed walls | БДС EN 772-16 |
| 16.4 Thickness of partition walls | БДС EN 772-16 |
| 16.5 Density  - Net density,  - gross density | БДС EN 772-13 |
| 16.6 Compressive strength | БДС EN 772-1+A1 |
| 16.7 Content of the active soluble salts – magnesium ions | БДС EN 772-5 cl. 10 |
| 16.8 Water absorption | БДС EN 772-11 |
| 16.9 Freeze-thaw resistance | БДС EN 772-18 |
| 16.10 Net volume  Percentage of voids | БДС EN 772-2+A1  БДС EN 772-3 |
| 16.11 Equivalent thermal conductivity | БДС EN 1745  БДС EN 12664 |
| 17. | Waterproofing products | 17.1 Geometric dimensions  -Length  -Width  -Straightness | БДС EN 1848-1 |
| 17.2 Flexibility at low temperatures | БДС EN 1109 |
| 17.3 Mass per unit area | БДС EN 1849-1 |
| 17.4 Relatively extension | БДС EN 12311-1 |
| 17.5 Water impermeability  - visible crossing the water | БДС EN 1928  БДС EN 15820 |
| 17.6 Resistance to tearing (nail shank) | БДС EN 12310-1 |
| 17.7 Shear resistance of joints | БДС EN 12317-1 |
| 17.8 Peel resistance of joints | БДС EN 12316-1 |
| 17.9 Tensile strength  - in longitudinal direction,  - in transverse direction | БДС EN 12311-1 |
| 17.10 Thickness | БДС EN 1849-1 |
| 17.11 Resistance to water penetration | БДС EN 13111 |
| 18. | Thermal insulating products | 18.1 Length | БДС EN 822  БДС EN ISO 29465 |
| 18.2 Width | БДС EN 822  БДС EN ISO 29465 |
| 18.3 Thickness | БДС EN 823  БДС EN ISO 29466 |
| 18.4 Flatness | БДС EN 825 |
| 18.5 Squareness | БДС EN 824 |
| 18.6 Apparent density | БДС EN ISO 29470 |
| 18.7 Compressive stress at 10 % relative deformation | БДС EN 826 |
| 18.8 Bending strength | БДС EN 12089 |
| 18.9 Long term water absorption by immersion | БДС EN ISO 16535 |
| 18.10 Deformation under specified compressive load and temperature conditions | БДС EN 1605 |
| 18.11 Tensile strength perpendicular to faces | БДС EN 1607 |
| 18.12 Organic content | БДС EN 13820 |
| 18.13 Thermal conductivity coefficient/ Thermal resistance | БДС EN 12667  БДС EN 12939 |
| 19. | Building soils | 19.1 Water content | БДС 644  БДС EN 1097-5  БДС EN ISO 17892-1+A1 |
| 19.2 Specific density | БДС 646 |
| 19.3 Sieve analysis | БДС EN ISO 17892-4 |
| 19.4 Volume density „substitute sand" Compacting factor | AASHTO T 191-14 |
| 19.5 Organic carbon content | БДС 11302 |
| 19.6 Humic substances | БДС 11302 |
| 19.7 Water-soluble salts content | БДС 11301 |
| 19.8 Uniformity coefficient | БДС 2761 |
| 19.9 Plastic limit | БДС 648 |
| 19.10 Liquid limit | БДС 648 |
| 19.11 Plasticity index (consistency) | БДС 2761 |
| 19.12 Standard density  -maximum density  -optimum moisture content | БДС EN 13286-2 |
| 19.13 California Bearing Ratio/CBR/ | БДС EN 13286-47 |
| 19.14 Moisture content | БДС EN 13286-46 |
| 19.15 Elastic modulus | БДС 15130 |
| 19.16 Ratio of deformation modules | БДС 15130 |
| 19.17 Bulk density | БДС EN ISO 17892-2 |
| 19.18 Particle density | БДС EN ISO 17892-3, cl. 5.1 |
| 19.19 Undrained shear strength | БДС EN ISO 17892-6 |
| 19.20 Liquid limit, Wl  -Plastic limit, Wp  -Plasticity index, Ip | БДС EN ISO 17892-12+A1+A2 |
| 20. | Sinks (1) / Wash basins (2) | 20.1 Draining of water - drained to waste outlet hole | БДС EN 13310+A1 (1)  БДС EN 14688+A1 (2) |
| 20.2 Resistance to dry heat - presence of changes of appearance of the surface | БДС EN 13310+A1 (1)  БДС EN 14688+A1 (2) |
| 20.3 Resistance to chemicals and staining agents - presence of permanent surface changes | БДС EN 13310+A1 (1)  БДС EN 14688+A1 (2) |
| 21. | Screed material and floor screeds | 21.1 Compressive strength | БДС EN 13892-2 |
| 21.2 Bending strength | БДС EN 13892-2 |
| 21.3 Wear resistance-Bohme | БДС EN 13892-3 |
| 21.4 Surface hardness | БДС EN 13892-6 |
| 21.5 Bond strength | БДС EN 13892-8 |
| 21.6 Release of aggressive substances - pH value | БДС EN 13454-2 |
| 22. | Adhesives for tiles | 22.1 Initial tensile adhesion strength | БДС EN 12004-2 |
| 22.2 Tensile adhesion strength after water immersion | БДС EN 12004-2 |
| 22.3 Tensile adhesion strength after heat aging | БДС EN 12004-2 |
| 22.4 Tensile adhesion strength after freeze-thaw cycle | БДС EN 12004-2 |
| 22.5 Open time | БДС EN 12004-2 |
| 22.6 Slip | БДС EN 12004-2 |
| 22.7 Transverse deformation | БДС EN 12004-2 |
| 22.8 Shear adhesion strength | БДС EN 12004-2 |
| 23. | Bituminous mixtures | 23.1 Volume density | БДС EN 12697-6 Procedure D |
| 23.2 Compactness degree | БДС EN 12697-9 |
| 23.3 Thickness of a bituminous pavement/core | БДС EN 12697-36,  cl. 4.1 |
| 23.4 Void characteristics | БДС EN 12697-8 |
| 23.5 Temperature | БДС EN 12697-13 |
| 23.6 Maximum density | БДС EN 12697-5 Procedure B |
| 24. | Mixing water for concrete | 24.1 Determination of pH | БДС ISO 4316 |
| 24.2 Oils and fats | БДС EN 1008 |
| 24.3 Detergents | БДС EN 1008 |
| 24.4 Color | БДС EN 1008 |
| 24.5 Suspended matter | БДС EN 1008 |
| 24.6 Odor | БДС EN 1008 |
| 24.7 Presence of hydrogen sulphide odour | БДС EN 1008 |
| 24.8 Humic matter | БДС EN 1008 |
| 24.9 Determination of chloride | БДС EN 196-2 |
| 24.10 Determination of sulphate | БДС EN 196-2 |
| 25. | Silica fume for concrete | 25.1 Content of chloride | БДС EN 196-2 |
| 25.2 Sulphate content (as SO3) | БДС EN 196-2 |
| 25.3 Loss on ignition | БДС EN 196-2 |
| 26. | Admixtures for concrete, mortar and grout | 26.1 Homogeneity | БДС EN 934-1 |
| 26.2 Color | БДС EN 934-1 |
| 26.3 pH value (for liquid admixtures only) | БДС ISO 4316 |
| 26.4 Water soluble chloride | БДС EN 480-10 |
| 27. | Construction products, products and components | 27.1 Non-combustibility  -Mass loss  -Duration of sustained flaming  -Temperature rise | БДС EN ISO 1182 |
| 27.2 Gross heat of combustion (calorific value) | БДС EN ISO 1716 |
| 27.3 Single-flame source test  -Ignition  -Flame tip reaches 150 mm  -Time at which flame tip reaches 150 mm  -Ignition of the filter paper  -Physical behavior of the test specimen | БДС EN ISO 11925-2 |
| 27.4 Thermal attack by a single burning item  -Heat release  -Fire growth rate index  -Presence of lateral flame spread  -Smoke growth rate index  -Total smoke production within 600 s  -Production of flaming droplets and particles | БДС EN 13823+A1 |
| 27.5 Determination of the burning behaviour using a radiant heat source  -CHF or HF-30  -Flame spread  -Timefor flame spread  -Duration on testing  -Smoke measurement | БДС EN ISO 9239-1 |
| 28. | Ladders | 28.1 Functional sizes | БДС EN 131-1+A1 |
| 28.2 Permanent deformation after strength test | БДС EN 131-2+A2 |
| 28.3 Deformation after bending test | БДС EN 131-2+A2 |
| 28.4 Deformation after lateral deflection test | БДС EN 131-2+A2 |
| 28.5 Permanent deformation after bottom stile ends test | БДС EN 131-2+A2 |
| 28.6 Permanent deformation after vertical load on steps and platforms | БДС EN 131-2+A2 |
| 29. | Wood-based panels. Wood flooring and parquet | 29.1 Bending strength | БДС EN 310 |
| 29.2 Modulus of elasticity | БДС EN 310 |
| 29.3 Tensile strength perpendicular to the plane of the surface layer | БДС EN 311 |
| 29.4 Resistance to axial withdrawal of screws | БДС EN 320 |
| 29.5 Swelling in thickness after immersion in water | БДС EN 317 |
| 29.6 Tensile strength perpendicular to the plane of the board | БДС EN 319 |
| 29.7 Moisture content | БДС EN 322 |
| 29.8 Density | БДС EN 323 |
| 29.9 Dimensions: thickness, width, length | БДС EN 324-1 |
| 29.10 Moisture resistance under cyclic test conditions  - Swelling in thickness  - Bending strength  - Tensile strength perpendicular to the plane of the board | БДС EN 321 |
| 29.11 Bending strength | БДС EN 1533 |
| 29.12 Slip | СД CEN/TS 15676 |
| 29.13 Thermal conductivity | БДС EN 14342 |
| 30. | Products from natural rock materials (1)/  Agglomerated rock materials (2) | 30.1 Water absorption coefficient by capillarity | БДС EN 1925 (1) |
| 30.2 Flexural strength | БДС EN 12372 (1) |
| 30.3 Compressive strength | БДС EN 1926 (1) |
| 30.4 Slip resistance | БДС EN 14231 (1, 2) |
| 30.5 Water absorption | БДС EN 13755 (1)  БДС EN 14617-1 (2) |
| 30.6 Frost resistance | БДС EN 12371 (1) |
| 30.7 Apparent density | БДС EN 14617-1 (2) |
| 30.8 Flexural strength | БДС EN 14617-2 (2) |
| 30.9 Tactility | БДС EN 15285  cl. 4.2.12 (2) |
| 31. | Gully tops and manhole tops for vehicular and pedestrian areas | 31.1 Load bearing capacity:  - load bearing capacity  - permanent deformation | БДС EN 124-1  БДС EN 124-1 |
| 32. | Drainage channels | 32.1 Watertightness - jointing of drainage channel units | БДС EN 1433+A1 |
| 32.2 Maximum load bearing capacity | БДС EN 1433+A1 |
| 32.3 Deformation under load - permanent load | БДС EN 1433+A1 |
| 32.4 Durability  -compressive strength  -water absorption  -freeze/ thaw | БДС EN 1433+A1 |
| 33. | Cement | 33.1 Compressive strength | БДС EN 196-1 |
| 33.2 Flexural strength | БДС EN 196-1 |
| 33.3 Setting times  - initial setting time  - final setting time | БДС EN 196-3 |
| 33.4 Soundness  - expansion | БДС EN 196-3 |
| 33.5 SO3 content | БДС EN 196-2 |
| 33.6 Residue insoluble:  -in hydrochloric acid and sodium carbonate  -in hydrochloric acid and potassium hydroxide | БДС EN 196-2 |
| 33.7 Loss of ignition | БДС EN 196-2 |
| 33.8 Chloride content | БДС EN 196-2 |
| 34. | Cement grouts | 34.1 Fluidity | БДС EN 445 cl. 4.3.1  БДС EN 14117 |
| 34.2 Wick-induced - bleeding | БДС EN 445 |
| 34.3 Wick-induced - volume change | БДС EN 445 |
| 34.4 Compressive strength | БДС EN 445 |
| 34.5 Density | БДС EN 445 |

**To perform sampling of:**

| **Type of the scope:** *flexible* | | |
| --- | --- | --- |
| **№** | **Product** | **Sampling methods**  **(standard/validated method)** |
| 1 | 2 | 3 |
| 1. | Building lime | БДС EN 459-2 cl. 3 |
| 2. | Gypsum binders and gypsum plasters | БДС EN 13279-2 cl. 3.2. |
| 3. | Steel for the reinforcement and prestressing of concrete | БДС EN ISO 15630-1 |
| 4. | Aggregates | БДС EN 932-1 |
| 5. | Mortar for masonry | БДС EN 1015-2 +A1 cl. 5 |
| 6. | Hardened concrete | БДС EN 12504-1 |
| 7. | Fresh concrete | БДС EN 12350-1 |
| 8. | Concrete kerb units | БДС EN 1340 cl. 6.2.3 |
| 9. | Concrete flags for tile lining on road water gang | БДС 11482 cl. 2 |
| 10. | Concrete paving flags | БДС EN 1339 cl. 6.2.3 |
| 11. | Concrete roofing tiles | БДС EN 490 +A1 cl. 7 |
| 12. | Aggregate concrete masonry units | БДС EN 771-3 +A1 Annex A |
| 13. | Concrete paving blocks | БДС EN 1338 cl. 6.2.3 |
| 14. | Clay roofing tiles | БДС EN 1304 cl. 6.4 |
| 15. | Ceramic tiles | БДС EN ISO 10545-1 cl. 6 |
| 16. | Clay masonry units | БДС EN 771-1+A1 Annex A |
| 17. | Flexible Bitumen sheets for waterproofing | БДС EN 13416 cl. 5 |
| 18. | Building soils | БДС EN 13286-1 Annex A |
| 19. | Screed materials | БДС EN 13892-1 cl. 3 |
| 20. | Cementitious adhesives | БДС EN 1067 |
| 21. | Bituminous mixtures | БДС EN 12697-27 cl. 4.1; cl. 4.7 |

\*\* *Repealed but not replaced test method.*

***Flexible scope:*** *Implementing a new version of standards/documents or standards/ documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by the laboratory.*

Accreditation for the purposes of notification under Regulation (EU) № 305/2011 of 09.03.2011 laying down harmonized conditions for the marketing of construction products:

| **№** | **Decision**  **of EC** | **Name and construction products group number according to decision / product/ /Intended use** | **AVCP system / Body function** | **Harmonized technical specification** |
| --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 |
| 1. | 99/469/EC | Products related to concrete, mortar and grout (2/2):  Concrete protection and repair products (for uses subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 1504-2:2005  БДС EN 1504-3:2006  БДС EN 1504-4:2005  БДС EN 1504-6:2006 |
| 2. | 97/740/EC | Masonry and related products (3/3):  Masonry units incorporating thermal insulating materials placed on a face susceptible to be exposed to fire (in walls and partitions subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 15824:2017 |
| 3. | 96/580/EC | Curtain wallings (1/1):  Curtain wall kits (as external walls subject to reaction to fire requirements) | system 3/ testing laboratory | БДС EN 13830:2004 |
| 4. | 97/462/EC | Wood-based panels (2/2):  Unfaced, overlaid and veneered or coated wood-based panels (for nonstructural elements in internal or external applications) | system 3/ testing laboratory | БДС EN 13986:2004 +A1:2O15 |
| 5. | 95/467/EC | Gypsum products (1/4):  Plasterboards and ceiling elements with thin laminations, fibrous gypsum boards, fibrous gypsum plaster casts, and composite panels (laminates), in which the incorporated material is placed on a face susceptible to be exposed to fire, including relevant ancillary products (in walls, partitions or ceilings (or lining thereof) subject to reaction to fire requirements) | system 3/ testing laboratory | БДС EN 520:2004 +A1:2009  БДС EN 13658-1:2005  БДС EN 13658-2:2005  БДС EN 13815:2006  БДС EN 13915:2007  БДС EN 13950:2014  БДС EN 13963:2005  БДС EN 14190:2015  БДС EN 14209:2017  БДС EN 14353:2007 +A1:2010  БДС EN 14496:2005  БДС EN 15283-1:2008  +A1:2009  БДС EN 15283-2:2008 +A1:2009 |
| 95/467/EC | Gypsum products (2/4):  Plasterboards, blocks, ceiling elements and gypsum plasters, fibrous gypsum plasters casts, including relevant ancillary products (in walls, partitions or ceilings, as relevant, intended for fire protection of structural elements and/or fire compartmentation in buildings) | system 3/ testing laboratory | БДС EN 520:2004+A1:2009  БДС EN 12859:2011  БДС EN 12860:2003  БДС EN 13279-1:2008  БДС EN 14195:2005  БДС EN 14246:2006 |
| 95/467/EC | Gypsum products (3/4):  Plasterboards, including relevant ancillary products (for stiffening timber-framed windload bearing walls or timber roof struss structures) | system 3/ testing laboratory | БДС EN 520:2004 +A1:2009  БДС EN 14190:2015  БДС EN 14195:2005  БДС EN 15283-1:2008  +A1:2009  БДС EN 15283-2:2008 +A1:2009 |
| 6. | 98/437/EC | Internal and external wall and ceiling finishes (3/5):  Coverings in roll form (as internal finishes in walls or ceilings subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 14716:2006  БДС EN 15102:2007 +A1:2O11 |
| 98/437/EC | Internal and external wall and ceiling finishes (3/5):  Suspended ceilings (kits) (as internal or external finishes in ceilings subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 13964:2014 |
| 98/437/EC | Internal and external wall and ceiling finishes (3/5):  Cladding slabs (as external finishes in walls or ceilings subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 1469:2015  БДС EN 14783:2013 |
| 98/437/EC | Internal and external wall and ceiling finishes (3/5):  Tiles (as internal or external finishes in walls or ceilings subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 12057:2006  БДС EN 14782:2006 |
| 98/437/EC | Internal and external wall and ceiling finishes (3/5):  Shingles (as external finishes in walls or ceilings subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 12467:2012 +A2:2018  БДС EN 16153:2013 +A1:2O15 |
| 98/437/EC | Internal and external wall and ceiling finishes (3/5):  Sidings (as internal or external finishes in walls or ceilings subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 534:2006+A1:2010  БДС EN 13245-2:2009  БДС EN 14915:2013 |
| 98/437/EC | Internal and external wall and ceiling finishes (3/5):  Panels (as internal or external finishes in walls or ceilings subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 438-7:2005  БДС EN 1013:2012  +A1:2O15  БДС EN 14509:2013  БДС EN 15102:2007 +A1:2O11 |
| 7. | 2000/245/EC | Flat glass, profiled glass and glass block products (2/6):  Flat or curved glass panels (for uses subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 1096-4:2019  БДС EN 1279-5:2018  БДС EN 14449:2005  БДС EN 14449:2005 /AC:2006 |
| 8. | 98/436/EC | Roof coverings, rooflights, roof windows and ancillary products (2/6):  Flat and profiled sheets (for uses subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 494:2012 +A1:2O16  БДС EN 534:2006 +A1:2010  БДС EN 1013:2012 +A1:2O15  БДС EN 14782:2006  БДС EN 14783:2013  БДСEN 16153:2013  +A1:2O15  БДС EN 16240:2014 |
| 98/436/EC | Roof coverings, rooflights, roof windows and ancillary products (2/6):  Roofing tiles, slates, stones and shingles (for uses subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 490:2011  БДС EN 492:2012+A2:2018  БДС EN 544:2011  БДС EN 1304:2005  БДС EN 12326-1:2014  БДС EN 14964:2007 |
| 98/436/EC | Roof coverings, rooflights, roof windows and ancillary products (2/6):  Factory- bonded composite or sandwich panels (for uses subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 14509:2013 |
| 98/436/EC | Roof coverings, rooflights, roof windows and ancillary products (2/6):  Roof windows (for uses subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 14351-1:2006 +A2:2016 |
| 98/436/EC | Roof coverings, rooflights, roof windows and ancillary products (2/6):  Rooflights (for uses subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 1873:2006  БДС EN 14963:2007 |
| 9. | 99/90/EC | Membranes (1/3):  Water vapour control layers (in buildings) | system 3/ testing laboratory | БДС EN 13970:2005  БДС EN 13970:2005 /A1:2007 |
| Membranes (2/3):  Water vapour control layers (for uses subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 13970:2005  БДС EN 13970:2005 /A1:2007  БДС EN 13859-1:2010  БДС EN 13859-2:2010  БДС EN 13984:2013 |
| Membranes (2/3):  Damp proofing sheets (for uses subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 13967:2012  БДС EN 13969:2005  БДС EN 13969:2005 /A1:2007 |
| Membranes (2/3):  Damp proof courses (for uses subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 14909:2012  БДС EN 14967:2006  БДС EN 15814:2011 +A2:2015 |
| Membranes (2/3):  Roof sheets (for uses subject to reaction to fire regulations) | system 3/ testing laboratory | EN 13707:2004+A2:2009  EN 13956:2013 |
| Membranes (2/3):  Water vapour control layers (for uses subject to reaction to fire regulations) | system 3/ testing laboratory | БДС EN 13859-1:2010 |
| 10. | 97/808/EC | Floorings (2/2):  Rigid flooring products <BR> (a) Components: paving units, tiles, mosaics, parquet, decking of mesh or sheet, floor gratings, rigid laminated floorings, wood based products (for internal uses including enclosed public transport premises) | system 3/ testing laboratory | БДС EN 12057:2006  БДС EN 12058:2006  БДС EN 14342:2013  БДС EN 15285:2008 |
| 97/808/EC | Floorings (2/2):  Floor screed materials (for internal uses) | system 3/ testing laboratory | БДС EN 13454-1:2005  БДС EN 13813:2003  БДС EN 14016-1:2004 |
| 97/808/EC | Floorings (2/2):  Resilient and textile floorings - homogeneous and heterogeneous resilient floor coverings supplied either in tile, sheet or roll form (textile floor covering including tiles; plastic and rubber sheets (aminoplastic thermosetting floorings); linoleum and cork; anti-static sheet; floor loose laid tiles; resilient laminated floorings) (for internal uses) | system 3/ testing laboratory | БДС EN 14041:2006  БДС EN 14904:2006 |
| 11. | 99/91/EC | Thermal insulating products (1/2):  Thermal insulating products (factory- made products and products intended to be formed in-situ) (any) | system 3/ testing laboratory | БДС EN 13162:2012 +A1:2015  БДС EN 13163:2012 +A1:2015  БДС EN 13164:2012 +A1:2015  БДС EN 13165:2012 +A2:2016  БДС EN 13166:2012 +A2:2016  БДС EN 14309:2009 +A1:2013  БДС EN 14933:2007  БДС EN 14934:2007 |
| 99/91/EC | Thermal insulating products (2/2):  Thermal insulating products (factory- made products and products intended to be formed in-situ) (for uses subject to regulations on reaction to fire) | system 3/ testing laboratory | БДС EN 13162:2012 +A1:2015  БДС EN 13163:2012 +A1:2015  БДС EN 13164:2012 +A1:2015  БДС EN 13165:2012 +A2:2016  БДС EN 13166:2012 +A2:2016  БДС EN 13167:2012 +A1:2015  БДС EN 13168:2012 +A1:2015  БДС EN 13169:2012 +A1:2015  БДС EN 13170:2012 +A1:2015  БДС EN 13171:2012 +A1:2015  БДС EN 14063-1:2005  БДС EN 14063-1:2005/ AC:2007  БДС EN 14064-1:2010  БДС EN 14303:2009 +A1:2013  БДС EN 14304:2009 +A1:2013  БДС EN 14305:2009 +A1:2013  БДС EN 14306:2009 +A1:2013  БДС EN 14307:2009 +A1:2013  БДС EN 14308:2009 +A1:2013  БДС EN 14309:2009 +A1:2013  БДС EN 14313:2009 +A1:2013  БДС EN 14314:2009 +A1:2013  БДС EN 14933:2007  БДС EN 14934:2007  БДС EN 15732:2012  БДС EN 16069:2012 +A1:2015 |
| 12. | 99/470/EC | Construction adhesives (1/2):  Adhesives for tiles (for internal and external uses in buildings and other civil engineering works) | system 3 / testing laboratory | БДС EN 12004:2007 +A1:2012 |
|  | 99/470/EC | Construction adhesives (2/2):  Adhesives for tiles (for uses subject to reaction to fire regulations) | system 3 / testing laboratory | БДС EN 12004:2007 +A1:2O12 |
| 13. | 98/601/EC | Road construction products (2/2):  Bituminous mixtures (for uses subject to reaction to fire regulations) | system 3 / testing laboratory | БДС EN 13108-1:2006  БДС EN 13108-2:2006  БДС EN 13108-3:2006  БДС EN 13108-4:2006  БДС EN 13108-5:2006  БДС EN 13108-6:2006  БДС EN 13108-7:2006 |
| 14. | 99/471/EC | Space heating appliances (2/2):  Space heating appliances without internal energy source (for uses subject to reaction to fire regulations) | system 3 / testing laboratory | БДС EN 442-1:2014  БДС EN 14037-1:2016 |
| 99/471/EC | Space heating appliances (2/2):  Space heating appliances burning solid and liquid fuels (for uses subject to reaction to fire regulations) | system 3 / testing laboratory | БДС EN 14037-1:2016 |
| 15. | 2011/19/EC | Sealants for non-structural use in joints in buildings and pedestrian walkways (2/2):  Sealants for non-structural use in joints in buildings and pedestrian walkways (for uses subject to reaction to fire regulations) | system 3 / testing laboratory | БДС EN 15651-1:2012  БДС EN 15651-2:2012  БДС EN 15651-3:2012  БДС EN 15651-4:2012 |
| 16. | 97/464/EC | Waste water engineering products outside buildings (2/3) | system 3 / testing laboratory | БДС EN 1433:2003+ AC:2005 +A1:2007  БДС EN 1433:2003+ AC:2005 +A1:2007  Correction 1:2015 |

Accreditation for the purposes of a horizontal notification on an essential characteristic in accordance with Annex V.3 of Regulation (EU) No 305/2011 of 09.03.2011, laying down harmonized conditions for the marketing of construction products:

|  |  |  |  |
| --- | --- | --- | --- |
| **№** | **Name of the essential characteristic** | **Harmonized technical specification** | **Body function** |
| **1** | **2** | **3** | **4** |
| 1. | Reaction to fire | БДС EN 13823:2020+A1:2022  БДС EN ISO 1182:2020  БДС EN ISO 11925-2:2020  БДС EN ISO 1716:2018  БДС EN ISO 9239-1:2010 | Testing Laboratory |