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Scientific Institute of Thermal Insulation
Laboratory of Thermal Insulating Materials**

**SCOPE OF ACCREDITATION
(flexible)**

Name of the testing object	Name of the parameters (characteristics) to be tested	Reference number of the normative or other document specifying test methods
1. Thermal insulation products for buildings and industrial equipment (products made of mineral wool, expanded and extruded polystyrene, cork, cellular glass, wood fibres, wood wool, expanded perlite, polyurethane foam, phenolic foam, cellulosic fibres and others separately do not mentioned products)	Sampling	LST EN 13172:2012, Annexes A.2.3, B.2.3, C.2.2 LST EN 13162:2012+A1:2015, cl. 5.1; 5.3.1 LST EN 13163:2012+A1:2015, cl. 5.1; 5.3.1 LST EN 13164:2012+A1:2015, cl. 5.1; 5.3.1 LST EN 13165:2012+A1:2015, cl. 5.1; 5.3.1 LST EN 13166:2012+A1:2015, cl. 5.1; 5.3.1 LST EN 13167:2012+A1:2015, cl. 5.1; 5.3.1 LST EN 13168:2012+A1:2015, cl. 5.1; 5.3.1 LST EN 13169:2012+A1:2015, cl. 5.1; 5.3.1 LST EN 13170:2012+A1:2015, cl. 5.1; 5.3.1 LST EN 13171:2012+A1:2015, cl. 5.1; 5.3.1 LST EN 15101-1:2013, cl. 5.1; 5.2 LST EN 14303:2016, cl. 5.1; 5.2 LST EN 14064-1:2010, cl. 5.1; 5.2
	Density	LST EN 1602:2013
	Thermal conductivity at mean temperature of (-15...+70)°C	LST EN 12667:2002; LST EN 12939:2002 LST EN 15101-1:2013, cl. 5.3.2, Annexes A1, A3, H; LST EN 14064-1:2010, cl. 5.3 except 5.3.3, Annex C LST EN 14303:2016, cl. 5.3 except 5.3.3
	Moisture content	LST EN ISO 12570:2000/A1:2013
	Organic content	LST EN 13820:2006
	Length and width	LST EN 822:2013; LST EN 12085:2013
	Thickness	LST EN 823:2013; LST EN 12085:2013
	Squareness	LST EN 824:2013
	Flatness	LST EN 825:2013
	Compressive stress/strength	LST EN 826:2013
	Dimensional stability under normal conditions	LST EN 1603:2013
	Dimensional stability under specified temperature and humidity conditions	LST EN 1604:2013
	Deformation under specified compressive load and temperature conditions	LST EN 1605:2013
	Compressive creep	LST EN 1606:2013
	Tensile strength perpendicular to faces	LST EN 1607:2013
	Tensile strength parallel to faces	LST EN 1608:2013
Short-term water absorption by partial immersion	LST EN 1609:2013 LST EN 15101-1:2013, Annex D LST EN 14064-1:2010, Annex D	
Water vapour transmission	LST EN 12086:2013	

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	Long-term water absorption by immersion	LST EN 12087:2013
	Long-term water absorption by diffusion	LST EN 12088:2013
	Bending strength	LST EN 12089:2013
	Shear	LST EN 12090:2013
	Behaviour under point load	LST EN 12430:2013
	Thickness of floating floor insulation layer	LST EN 12431:2013
	Dimensional stability under varying temperature (only for rigid porous plastic products)	ISO 2796:1986
	Preformed pipe insulation dimensions, squareness and linearity	LST EN 13467:2002
	Settlement of loose fill cellulose	LST EN 15101-1:2013, Annex B
	Freeze-thaw resistance	LST EN 12091:2013
	2. Masonry products made of lightweight aggregates concrete, porous concrete, clay, calcium silicate, calcium hydrosilicate and others dry and moist masonry products of medium and low thermal resistance	Density
Dimensions		LST EN 772-16:2011
Thermal conductivity at mean temperature of (-15...+70)°C		LST EN 1745:2012, cl. 4.2 LST EN 12664:2002
Calculation of thermal resistance and equivalent thermal conductivity using experimental and tabulated initial values		LST EN 1745:2012, cl. 4.3, 5.2, 6; Annex E LST EN ISO 6946:2008/P:2010,
3. Fibreboards and particleboards	Sampling	LST EN 326-1:1999; LST EN 326-3:2005
	Length, width, thickness of product	LST EN 324-1:1999
	Edge straightness and squareness of product	LST EN 324-2:1999, cl. 8.2
	Dimensions of specimens	LST EN 325:2012
	Density	LST EN 323:1999/P:2004
	Moisture content	LST EN 322:1999
	Swelling in thickness	LST EN 317:1999
	Bending strength and modulus of elasticity	LST EN 310:1999
	Tensile strength perpendicular to the plane	LST EN 319:1999
	Water vapour transmission	LST EN 12086:2013
	Thermal conductivity at mean temperature of (-15...+70)°C	LST EN 12664:2002 LST EN 12667:2002

There is determined and applied first case of flexibility for all scope of accreditation:

1. Application of the up-dated versions of normative documents defining the test methods or identical documents superseding them.

Actual flexible scope of accreditation is available on the internet site at

<http://www.vgtu.lt/research-and-innovation/research-departments/research-institutes/research-institutes-university-level/4416#71593>

Director of the National Accreditation Bureau



Jurgis Šarmavičius