

List of products of harmonised standards

**Code 04: THERMAL INSULATION PRODUCTS
COMPOSITE INSULATING KITS/SYSTEMS**

Standard	Name	Application	Product-type	Intended use	System of attestation	Mandate
EN 13162	Thermal insulation products for buildings — Factory made mineral wool (MW) products — Specification	Factory made mineral wool products, with or without facings or coatings, which are used for the thermal insulation for buildings. Products are manufactured in the mat blankets, boards or slabs.	Factory made mineral wool products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 13163	Thermal insulation products for buildings — Factory made expanded polystyrene (EPS) products — Specification	Factory made expanded polystyrene products, with or without rigid or flexible facings or coatings, which are used for the thermal insulation for buildings. The products are manufactured in the form of boards or rolls or other preformed ware (flat, tapered, tongue and grooves, shiplap, profiled etc.)	Factory made expanded polystyrene products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 13164	Thermal insulation products for buildings — Factory made extruded polystyrene foam (XPS) products — Specification	Factory made products of extruded polystyrene foam, with or without facings or coatings, which are used for the thermal insulation for buildings. The products are manufactured in the form of boards which are also available with special edge and surface treatment (tongue & grooves, shiplap etc.)	Factory made extruded polystyrene foam products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 13165	Thermal insulation products for buildings — Factory made rigid polyurethane foam (PU) products — Specification	Factory made rigid polyurethane foam (PU) products, with or without facings or coatings, which are used for the thermal insulation for buildings. PU includes both PIR and PUR products. The products are manufactured in the form of boards.	Factory made rigid polyurethane foam products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 13166	Thermal insulation products for buildings — Factory made phenolic foam (PF) products — Specification	Factory made phenolic foam products, with or without facings or coatings, which are used for the thermal insulation for buildings. The products are manufactured in the form of boards and laminates. The products are also used in prefabricated thermal insulation systems and composite panels.	Factory made phenolic foam products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 13167	Thermal insulation products for buildings — Factory made cellular glass (CG) products — Specification	Factory made cellular glass (CG) products, with or without facings or coatings, which are used for the thermal insulation for buildings. The products are manufactured in the form of boards or slabs. The products are also used in prefabricated thermal insulation systems and composite panels.	Factory made cellular glass products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 13168	Thermal insulation products for buildings — Factory made wood wool (WW) products — Specification	Factory made wood wool (WW) products, with or without facings or coatings, which are used for the thermal insulation for buildings. The products are manufactured in the form of boards or slabs.	Factory made wood wool products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	

Standard	Name	Application	Product-type	Intended use	System of attestation	Mandate
EN 13169	Thermal insulation products for buildings — Factory made expanded perlite board (EPB) products — Specification	Factory made expanded perlite board products, with or without facings or coatings, which are used for the thermal insulation for buildings. The products are manufactured in the form of boards, multi-layered insulation or composite insulation products.	Factory made expanded perlite board products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 13170	Thermal insulation products for buildings — Factory made products of expanded cork (ICB) — Specification	Factory made products of expanded cork which are used for the thermal insulation of buildings. The products are made with granulated cork without additional binders and are delivered as boards with or without facings or coatings. The products are also used in prefabricated thermal insulation systems and composite panels.	Factory made expanded cork products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 13171	Thermal insulation products for buildings — Factory made wood fibre (WF) products — Specification	Factory made wood fibre products, with or without facings or coatings, which are used for the thermal insulation for buildings. The products are manufactured in the form of rolls, batts, felts, boards or slabs. The products are also used in prefabricated thermal insulation systems and composite panels.	Factory made wood fibre products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 14063-1	Thermal insulation products for buildings — In- situ formed expanded clay lightweight aggregate products — Part 1: Specification for the loose-fill products before installation	Loose-fill expanded clay lightweight aggregate products for in-situ installation in roofs, ceilings, floors and ground floors	In- situ formed expanded clay lightweight aggregate products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 14064-1	Thermal insulation products for buildings — In- situ formed loose-fill mineral wool (MW) products — Part 1: Specification for the loose-fill products before installation	Blown loose-fill mineral wool products for in-situ installation in lofts, masonry cavity walls and frame constructions	Thermal insulation products intended to be formed in-situ	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 14303	Thermal insulation products for building equipment and industrial installations — Factory made mineral wool (MW) products — Specification	Factory made mineral wool products, which are used for the thermal insulation of building equipment and industrial installations with an operating temperature range of approximately 0 °C to + 800 °C	Factory made mineral wool products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 14304	Thermal insulation products for building equipment and industrial installations — Factory made flexible elastomeric foam (FEF) products — Specification	Factory made flexible elastomeric foam products, which are used for the thermal insulation of building equipment and industrial installations with an operating temperature in the range of approximately -200 °C to + 175 °C	Factory made flexible elastomeric foam products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 14305	Thermal insulation products for building equipment and industrial installations — Factory made cellular glass (CG) products — Specification	Factory made cellular glass products which are used for the thermal insulation of building equipment and industrial installations with an operating temperature range of approximately -265 °C to + 430 °C	Factory made cellular glass products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	

Standard	Name	Application	Product-type	Intended use	System of attestation	Mandate
EN 14306	Thermal insulation products for building equipment and industrial installations — Factory made calcium silicate (CS) products — Specification	Factory made calcium silicate products which are used for the thermal insulation of building equipment and industrial installations with an operating temperature range of approximately -170 °C to + 1100 °C	Factory made calcium silicate products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 14307	Thermal insulation products for building equipment and industrial installations — Factory made extruded polystyrene foam (XPS) products — Specification	Factory made extruded polystyrene foam products which are used for the thermal insulation of building equipment and industrial installations with an operating temperature range of approximately -180 °C to + 75 °C	Factory made extruded polystyrene foam products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 14308	Thermal insulation products for building equipment and industrial installations — Factory made rigid polyurethane foam (PUR) and polyisocyanurate foam (PIR) products — Specification	Factory made rigid polyurethane foam (PUR) and polyisocyanurate foam (PIR) products, with a closed cell content not less than 90%, with or without facings, which are used for the thermal insulation of building equipment and industrial installations with an operating temperature range of approximately -200 °C to + 200 °C	Factory made rigid polyurethane foam and polyisocyanurate foam products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 14309	Thermal insulation products for building equipment and industrial installations — Factory made products of expanded polystyrene (EPS) — Specification	Factory made products of expanded polystyrene which are used for the thermal insulation of building equipment and industrial installations with an operating temperature range of approximately -180 °C to + 80 °C	Factory made products of expanded polystyrene for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 14313	Thermal insulation products for building equipment and industrial installations — Factory made polyethylene foam (PEF) products — Specification	Factory made polyethylene foam products which are used for the thermal insulation of building equipment and industrial installations with an operating temperature range of approximately -80 °C to + 150 °C	Factory made polyethylene foam products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 14314	Thermal insulation products for building equipment and industrial installations — Factory made phenolic foam (PF) products — Specification	Factory made phenolic foam products which are used for the thermal insulation of building equipment and industrial installations with an operating temperature range of approximately -200 °C to + 120 °C	Factory made phenolic foam products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 14315-1	Thermal insulating products for buildings — In- situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products — Part 1: Specification for the rigid foam spray system before installation	In- situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products when applied to walls, ceilings, roofs, suspended ceilings and floors	In- situ thermal insulation formed from expanded perlite (EP) products for thermal insulation	For uses subject to regulations on reaction to fire	1 3 3 (with 4 for Reaction to fire)	M/103
				Any	3	
EN 14316-1	Thermal insulation products for buildings — In- situ thermal insulation formed from expanded perlite (EP) products — Part 1: Specification for bonded and loose-fill products before installation	Product types of expanded perlite products Perlite Aggregate (EPA), Coated Perlite (EPC), Hydrophobic Perlite (EPH) and Premixed Perlite (EPM) for in-situ insulation of roofs, ceilings, walls and floors	In- situ formed expanded perlite products for thermal insulation	For uses subject to regulations on reaction to fire	Reaction to fire 4 other characteristics 3	M/103
				Any	3	
EN 14317-1	Thermal insulation products for buildings — In- situ thermal insulation formed from exfoliated vermiculite (EVA) products — Part 1: Specification for bonded and	Exfoliated vermiculite products: Vermiculite Aggregate (EVA), Coated Vermiculite (EVC), Hydrophobic Vermiculite (EVH) and Premixed	In- situ thermal insulation formed from exfoliated	For uses subject to regulations on reaction to fire	Reaction to fire 4 other characteristics 3	M/103

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	(EV) products — Part 1: Specification for bonded and loose-fill products before installation	Vermiculite (EVM) for in-situ insulation of roofs, ceilings, walls and floors	vermiculite products	Any	3	
EN 14318-1	Thermal insulating products for buildings — In- situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products — Part 1: Specification for the rigid foam dispensed system before installation	In- situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products when installed into cavity walls	In- situ formed dispensed rigid polyurethane and polyisocyanurate foam products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 14319-1	Thermal insulating products for building equipment and industrial installations — In-situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products — Part 1: Specification for the rigid foam dispensed system before installation	In-situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products for the insulation of building equipment and industrial installations (industrial storage vessels, pipes and ducts used for the supply of fuels, ...)	In-situ formed dispensed rigid polyurethane and polyisocyanurate foam products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 14320-1	Thermal insulating products for building equipment and industrial installations — In-situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products — Part 1: Specification for the rigid foam spray system before installation	In-situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products for the insulation of building equipment and industrial installations (industrial storage vessels, pipes and ducts used for the supply of fuels, ...)	In-situ formed sprayed rigid polyurethane and polyisocyanurate foam products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 14933	Thermal insulation and light weight fill products for civil engineering applications — Factory made products of expanded polystyrene (EPS) — Specification	Factory made products of expanded polystyrene which are used for frost insulation of roads, railways, trafficked areas, light weight fill for reduction of horizontal and vertical earth pressure and other civil engineering applications. The products are manufactured in the form of boards or blocks	Thermal insulation and light weight fill products for civil engineering applications	For uses subject to regulations on reaction to fire	1 3 3 (with 4 for Reaction to fire)	M/103
				Any	3	
EN 14934	Thermal insulation and light weight fill products for civil engineering applications — Factory made products of extruded polystyrene foam (XPS) — Specification	Factory made products of extruded polystyrene foam (XPS) which are used for frost insulation of roads, railways, trafficked areas, light weight fill for reduction of horizontal and vertical earth pressure and other civil engineering applications. The products are manufactured in the form of boards	Thermal insulation and light weight fill products for civil engineering applications	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 15501	Thermal insulation products for building equipment and industrial installations — Factory made expanded perlite (EP) and exfoliated vermiculite (EV) products — Specification	Factory made expanded perlite (EP) and exfoliated vermiculite products, which are used for the thermal insulation of building equipment and industrial installations with an operating temperature range of approximately -0 °C to + 1100 °C	Factory made products of expanded perlite and exfoliated vermiculite for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	
EN 15599-1	Thermal insulation products for building equipment and industrial installations — In-situ thermal insulation formed from expanded perlite (EP) products — Part 1: Specification for bonded and loose-fill products before installation	In-situ formed expanded perlite (EP) products, which are used for the thermal insulation of building equipment and industrial installations with an operating temperature range of approximately -270 °C to + 650 °C	In-situ formed products of expanded perlite for thermal insulation	For uses subject to regulations on reaction to fire	Reaction to fire 4 other characteristics 3	M/103
				Any	3	
EN 15600-1	Thermal insulation products for building equipment and industrial installations — In-situ thermal insulation formed from exfoliated vermiculite (EV) products	In-situ formed exfoliated vermiculite (EV) products, which are used for the thermal insulation of building equipment and industrial installations with an	In-situ formed products of exfoliated vermiculite for	For uses subject to regulations on reaction to fire	Reaction to fire 4 other characteristics 3	M/103

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	vermiculite (EV) products — Part 1: Specification for bonded and loose-fill products before installation	operating temperature range of approximately -40 °C to + 1050 °C	thermal insulation	Any	3	
EN 15732	Light weight fill and thermal insulation products for civil engineering applications (CEA) — Expanded clay lightweight aggregate products (LWA)	Loose-fill expanded clay lightweight aggregate products (LWA) for civil engineering applications	Light weight fill and thermal insulation products	For uses subject to regulations on reaction to fire	1 3 3 (with 4 for Reaction to fire)	M/103
				Any	3	
EN 16069	Thermal insulation products for buildings — Factory made products of polyethylene foam (PEF) — Specification	Factory made products of polyethylene foam (PEF), with or without facings or coatings, which are used for the thermal insulation for buildings. The products are manufactured in the form of boards,rolls or other preformed ware.	Factory made polyethylene foam products for thermal insulation	For uses subject to regulations on reaction to fire	1, 3, 4	M/103
				Any	3	