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Annual release on consumption of building material, electricity and gas for 2012

The annual release on the consumption of building material, electricity, and gas covers material and energy resources used by all contractors (construction and non-construction enterprises) for construction of objects, maintenance, repair and operation of machinery and motor pool, heating, as well as for stationery and other supplies.

The value of building material spent in 2012 is EUR 62 682 000, representing the decrease of 5.5% compared with 2011.

Graph 1: Total value of building material spent, in thousand EUR

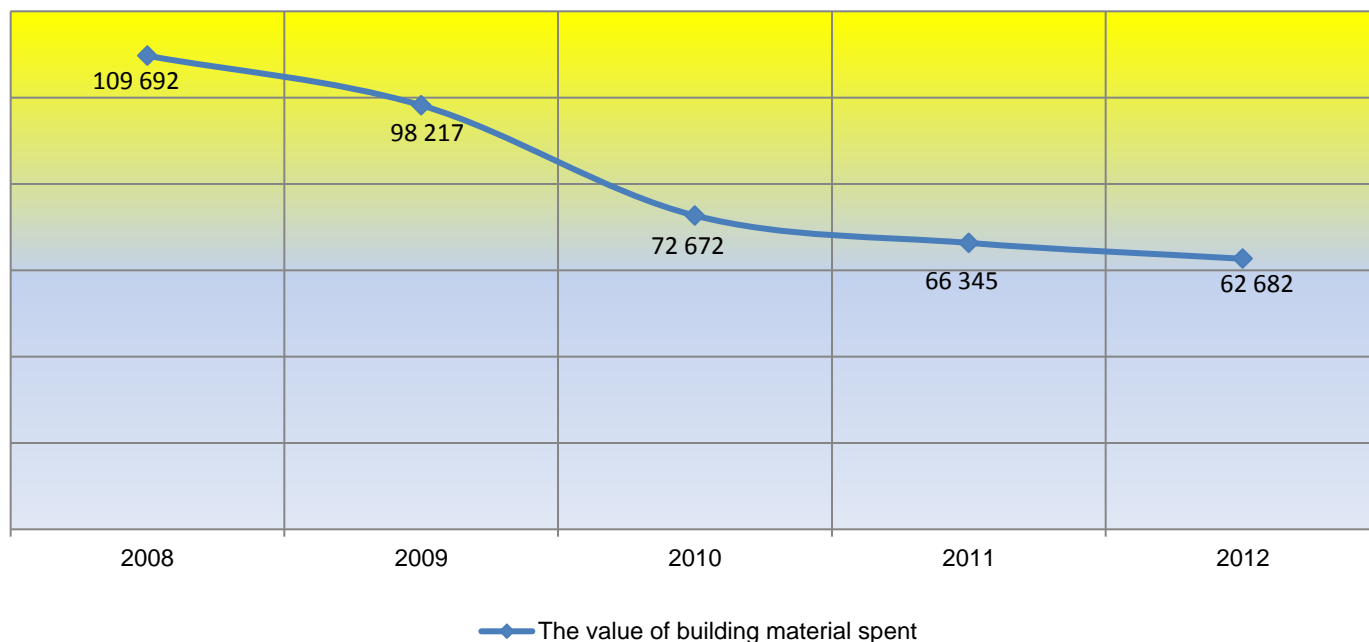


Table 1. Quantity and value of spent building material, electricity, and gas

Type of material	Unit of measurement	Quantity of building material spent	Value of building material spent, in thous. EUR	Quantity of building material spent	Value of building material spent, in thous. EUR
		2011		2012	
Building elements					
Solid brick	Thous.pcs	1 472	387	1 804	597
Perforated brick	Thous.pcs	987	452	165	87
Solid facade brick	Thous.pcs	1 027	374	1 017	406
Hollow clay blocks	Thous.pcs	517	232	1 476	581
Facade blocks	Thous.pcs	136	70	167	78
Brick and blocks, based on cement, slag and dross	Thous.pcs	2 634	1 825	850	418
Brick and blocks made from other materials (kermesite, "siporex")	Thous.pcs	2	2	6	10
Elements for ceilings and arches					
Floor bricks and inserting bricks	Thous.pcs	1 281	769	94	47
Beams, half-assembly and assembly for arches (clay elements)	Thous.m	59	101	24	24
Blocks for ceilings and arches (on the basis of cement)	Thous.pcs	5	1	-	-
Prefabricated elements and finished constructions					
Light building boards for outside walls	m ²	250	1	-	-
Boards for walls facing	m ²	-	-	2 070	12
Light building boards for partition walls	m ²	-	-	-	-
Light building boards for ceilings	m ²	4 960	59	6 424	89
Light building isolation boards	m ²	6 284	31	7 000	80
Plaster boards, all types	m ²	33 862	151	33 307	190
Steel constructions for bridges	t	-	-	100	22
Other steel constructions, all types (roofs, pillars, frames, scaffoldings and similar)	t	235	267	134	171
Building constructions and prefabricated elements for civil engineering	t	1 419	156	551	57
High buildings prefabricated constructions elements	t	-	-	200	12
Wooden construction (finished roof constructions)	m ³	2 129	425	2 271	465
Binder material					
Quicklime	t	201	25	171	21
Lime, hydrated	t	923	117	394	54
Plaster, baked	t	6	3	7	2
Portland cement	t	10 292	865	11 412	974
Cement, other types	t	13 525	1 051	1 819	205
Plastic building materials	t	1 000	170	3	2
Cement mortars, all types	m ³	15 866	1 203	8 927	462
Concrete, fresh	m ³	77 466	5 175	192 866	13 237
Asphalt	t	224 038	14 315	123 974	8 088

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Type of material	Unit of measurement	Quantity of building material spent	Value of building material spent, in thous. EUR	Quantity of building material spent	Value of building material spent, in thous. EUR
		2011		2012	
Aggregates and profiled material of stone					
Profiled material of stone (curb stone, fence, stone cube, etc.)	m ³	2 489	562	120	44
Crashed technical stone and marble, all types	m ³	4 115	180	496	9
Broken stone and small size stone	m ³	8 628	74	19 637	290
Aggregates for concrete	m ³	54 187	578	182 283	2 968
Gravel	m ³	39 709	342	35 887	375
Sand	m ³	14 674	268	24 999	350
Terrazzo- granulates	t	-	-	250	5
Reinforcing and attaching material					
Concrete steel	t	5 963	4 274	6 090	3 773
Wire, black and galvanized	kg	49 732	55	32 114	36
Other iron sections, heavy, medium and light	t	782	516	549	412
Various elements for reinforced concrete (reinforcing nets, wall canvas)	t	2 465	1 610	2 971	1 908
Nails	kg	54 311	62	62 686	73
Timber					
Timber, conifer (sawn, hewn)	m ³	3 028	484	3 446	549
Timber, conifer (round)	m ³	500	94	311	99
Timber, deciduous (sawn and hewn)	m ³	2 004	354	164	34
Timber, deciduous (round)	m ³	350	63	-	-
Boards for panelling	m ³	759	294	514	175
Mining wood	m ³	50	7	-	-
Sleepers all types	piece	579	11	-	-
Isolation material and coatings					
Roofing boards, all types	roll	2 839	66	5 626	206
Bitumen, bitulit, bituminous jute, strips, matters, emulsions...	t	2 874	1 481	3 991	2 046
Expanded polystyrene	kg	161 212	308	73 044	249
Other isolation materials (glass wool, mineral wool. etc.)	t	221	305	114	248
Paints (all types), varnishes, enamels, dissolvent etc.	kg	168 964	216	271 455	396
Roofing material					
Corrugated and plane sheets of "salonite" and asbestos	m ³	300	2	-	-
Plane, corrugated and interlocking title	Thous.pcs	213	159	182	89
Other roofing material (concrete tiles, plastic boards)	m ²	8 819	231	4 500	122

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Material for floor wall covering					
Vinyl and asbestos boards and other artificial flooring masses	t	-	-	-	-
Ceramic tiles (wall, floor and facade)	m ²	51 232	394	63 472	643
Ceramic and marble facing boards	m ²	4 152	107	5 106	248
Tiles of grinded stone and marble	m ²	-	-	677	18
Terrazzo boards	m ²	6 297	45	-	-
Plywood, panel, fibreboard and other wood based boards	m ²	679	18	2 979	32
Parquet (breech, oak and other)	m ²	26 027	558	18 264	421
Laminated parquet	m ²	5 874	90	5 776	88
Ceiling and wall panelling	m ²	4 745	24	13 970	28
Plastic boards for walls	m ²	-	-	-	-
Wallpapers, all types	m ²	-	-	-	-
Material for plumping, sewerage system, heating, ventilation, for sanitary facilities					
Pipes, seamless	kg	13 502	22	780	4
Pipes, seamed	kg	45 516	251	144 907	123
Cast iron pipes and fittings	kg	14 658	30	106 853	171
Pipes, plastic, all types	kg	173 720	436	62 339	336
Pipe fittings and flanges	kg	8 323	40	8 277	53
Pipes, lead	t	-	-	-	-
Ceramics, sewage tubes	t	7 000	5 404	100	50
Pipes, of asbestos-cement	t	-	-	-	-
Pipes, concrete, all types	t	1 768	129	728	76
Ceramics, sanitary	piece	5 639	296	3 379	133
Sanitary equipment, of plate and cast iron	piece	198	7	119	8
Plastics sanitary equipment	piece	4 444	46	833	12
Other ceramic for construction (tiles for stoves and fireplaces, technical ceramic, etc.)	piece	1	2	-	-
Heating furnaces	piece	14	33	8	10
Radiators, all types	m ²	984	83	1 771	99
Material for power supply installations					
Ropes and wires, copper	kg	15 394	141	12 240	132
Wire, of aluminium and aluminium alloys	kg	12 229	89	13 492	94
Ropes, of aluminium and Ferro – aluminium	kg	-	-	6 013	14
Conductors, insulated (poly - vinyl chloride, rubber etc.)	m	129 845	100	75 191	61
Cables, all types	m	329 128	523	346 825	566
Installation material (switches, plugs, boxes, lamp holders)	Eur,thous.	-	381	-	530
Electric insulators, all types	t	9	30	13	33

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		2011		2012	
Other material and elements for incorporating					
Rails and accessories	t	4	3	-	-
Plates and sheets, black	kg	5 347	15	17 393	20
Zinc galvanized plates and sheets	kg	22 957	136	31 882	163
Aluminium plates and sheets	kg	320	3	1 705	19
Glass, heat insulation	m ²	7 025	128	3 556	71
Glass sheets, other types	m ²	8 780	184	1 478	23
Non-ferrous metals joinery (windows, doors, blinds)	t	1	1	2	4
Building metal elements (iron sheet pipes and chimneys, steel windows, doors, Venetian blinds)	t	7	6	51	40
Doors and windows, wooden, all types	piece	6 586	1 632	2 465	452
Material for fitting in (built-in furniture, window blinds)	EUR thous.	-	51	-	90
Other material not mentioned elsewhere (for repairs, machinery and vehicles maintenance, stationery and other)	EUR thous.	-	311	-	272
Consumed power material					
Bitumen	t	8 067	4 367	3 898	2 468
Motor petrol for transport	t	80	94	89	121
Motor petrol for drive	t	149	151	50	60
Diesel petrol for transport	t	3 740	4 625	5 943	6 875
Diesel petrol for drive	t	2 597	2 649	4 596	5 262
Gas/Diesel oil and fuel oil	t	989	808	234	207
Crude oil	t	-	-	-	-
Coal, all types	t	61	4	-	-
Other petroleum products	t	4	5	6	10
Other fuels	l	100 000	77	6 871	9
Electricity	KWh	9 218	993	15 194	1 686

METHODOLOGICAL EXPLANATIONS

Data source and coverage

The annual release on the consumption of building material, electricity, and gas covers all enterprises classified under the construction activity within Sector F - Construction, as well as enterprises not classified by this sector, but possessing units in their composition which perform works on construction buildings (newly built dwellings, reconstruction, adaptation, modernisation, large repairs and regular maintenance), regardless if the works are performed by themselves or through the subcontractors.

Definitions

The consumption of building material and fuel is presented for the total construction enterprise submitting the report, including also the consumption of electricity and material for heating for joint services. Non-construction enterprises report the consumption of building material only for business units, as well as the consumption of fuel and other material for their needs.

The type of material is presented based on the records kept by material accounting, regardless if the reporting unit purchased or produced the material by itself.

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