

**List of products of harmonised standards**

**Code 08: GEOTEXTILES, GEOMEMBRANES, AND RELATED PRODUCTS**

<b>Standard</b>	<b>Name</b>	<b>Application</b>	<b>Product-type</b>	<b>Intended use</b>	<b>System of attestation</b>		<b>Mandate</b>
EN 13249	Geotextiles and geotextile-related products — Characteristics required for use in the construction of roads and other trafficked areas (excluding railways and asphalt inclusion)	Geotextiles and geotextile-related products used in the construction of roads and other trafficked areas (excluding railways and asphaltic inclusion)	Fluid or gas barriers;	In roads, railways, foundations and walls, drainage systems, erosion control, reservoirs and dams, canals, tunnels and underground structures, liquid waste disposal or containment, for solid waste storage or waste disposal	For all essential characteristics except reaction to fire	2+	M/107, M/386
			Protective layer;				
			For drainage and/or filtration;				
			For reinforcement.	Reaction to fire	1, 3, 4		
Separation layer	In all works	For all essential characteristics except reaction to fire	2+				
					Reaction to fire	1, 3, 4	
EN 13250	Geotextiles and geotextile-related products — Characteristics required for use in the construction of railways	Geotextiles and geotextile-related products used in the construction of railways	Fluid or gas barriers;	In roads, railways, foundations and walls, drainage systems, erosion control, reservoirs and dams, canals, tunnels and underground structures, liquid waste disposal or containment, for solid waste storage or waste disposal	For all essential characteristics except reaction to fire	2+	M/107, M/386
			Protective layer;				
			For drainage and/or filtration;				
			For reinforcement.	Reaction to fire	1, 3, 4		
Separation layer	In all works	For all essential characteristics except reaction to fire	2+				
					Reaction to fire	1, 3, 4	
EN 13251	Geotextiles and geotextile-related products — Characteristics required for use in earthworks, foundations and retaining structures	Geotextiles and geotextile-related products used in earthworks, foundations and retaining structures	Fluid or gas barriers;	In roads, railways, foundations and walls, drainage systems, erosion control, reservoirs and dams, canals, tunnels and underground structures, liquid waste disposal or containment, for solid waste storage or waste disposal	For all essential characteristics except reaction to fire	2+	M/107, M/386
			Protective layer;				
			For drainage and/or filtration;				
			For reinforcement.	Reaction to fire	1, 3, 4		
Separation layer	In all works	For all essential characteristics except reaction to fire	2+				
					Reaction to fire	1, 3, 4	
EN 13252	Geotextiles and geotextile-related products — Characteristics required for use in drainage systems	Geotextiles and geotextile-related products used in in drainage systems	Fluid or gas barriers;	In roads, railways, foundations and walls, drainage systems, erosion control, reservoirs and dams, canals, tunnels and underground structures, liquid waste disposal or containment, for solid waste storage or waste disposal	For all essential characteristics except reaction to fire	2+	M/107, M/386
			Protective layer;				
			For drainage and/or filtration;				
			For reinforcement.		Reaction to fire	1, 3, 4	

			Separation layer	In all works	For all essential characteristics except reaction to fire	2+	
					Reaction to fire	1, 3, 4	
EN 13253	Geotextiles and geotextile-related products — Characteristics required for use in erosion control works (coastal protection, bank revetments)	Geotextiles and geotextile-related products used in erosion control works for preventing the migration of fine-graded material into layers of coarser material due to alternating hydraulic gradients	Fluid or gas barriers;	In roads, railways, foundations and walls, drainage systems, erosion control, reservoirs and dams, canals, tunnels and underground structures, liquid waste disposal or containment, for solid waste storage or waste disposal	For all essential characteristics except reaction to fire	2+	M/107, M/386
			Protective layer;				
			For drainage and/or filtration;				
			For reinforcement.				
			Separation layer	In all works	For all essential characteristics except reaction to fire	2+	
					Reaction to fire	1, 3, 4	
EN 13254	Geotextiles and geotextile-related products — Characteristics required for the use in the construction of reservoirs and dams	Geotextiles and geotextile-related products used in the construction of reservoirs and dams	Fluid or gas barriers;	In roads, railways, foundations and walls, drainage systems, erosion control, reservoirs and dams, canals, tunnels and underground structures, liquid waste disposal or containment, for solid waste storage or waste disposal	For all essential characteristics except reaction to fire	2+	M/107, M/386
			Protective layer;				
			For drainage and/or filtration;				
			For reinforcement.				
			Separation layer	In all works	For all essential characteristics except reaction to fire	2+	
					Reaction to fire	1, 3, 4	
EN 13255	Geotextiles and geotextile-related products — Characteristics required for use in the construction of canals	Geotextiles and geotextile-related products used in the construction of canals	Fluid or gas barriers;	In roads, railways, foundations and walls, drainage systems, erosion control, reservoirs and dams, canals, tunnels and underground structures, liquid waste disposal or containment, for solid waste storage or waste disposal	For all essential characteristics except reaction to fire	2+	M/107, M/386
			Protective layer;				
			For drainage and/or filtration;				
			For reinforcement.				
			Separation layer	In all works	For all essential characteristics except reaction to fire	2+	
					Reaction to fire	1, 3, 4	
EN 13256	Geotextiles and geotextile-related products — Characteristics required for use in the construction of tunnels and underground structures	Geotextiles and geotextile-related products used in the construction of tunnels and underground structures	Fluid or gas barriers;	In roads, railways, foundations and walls, drainage systems, erosion control, reservoirs and dams, canals, tunnels and underground structures, liquid waste disposal or containment, for solid waste storage or waste disposal	For all essential characteristics except reaction to fire	2+	M/107, M/386
			Protective layer;				
			For drainage and/or filtration;				
			For reinforcement.				
			Separation layer	In all works	For all essential characteristics except reaction to fire	2+	
					Reaction to fire	1, 3, 4	

EN 13257	Geotextiles and geotextile-related products — Characteristics required for use in solid waste disposals	Geotextiles and geotextile-related products used in solid waste disposals	Fluid or gas barriers;	In roads, railways, foundations and walls, drainage systems, erosion control, reservoirs and dams, canals, tunnels and underground structures, liquid waste disposal or containment, for solid waste storage or waste disposal	For all essential characteristics except reaction to fire	2+	M/107, M/386
			Protective layer;		Reaction to fire	1, 3, 4	
			For drainage and/or filtration;				
			For reinforcement.				
			Separation layer	In all works	For all essential characteristics except reaction to fire	2+	
					Reaction to fire	1, 3, 4	
EN 13265	Geotextiles and geotextile-related products — Characteristics required for use in liquid waste containment projects	Geotextiles and geotextile-related products used in liquid waste containment projects	Fluid or gas barriers;	In roads, railways, foundations and walls, drainage systems, erosion control, reservoirs and dams, canals, tunnels and underground structures, liquid waste disposal or containment, for solid waste storage or waste disposal	For all essential characteristics except reaction to fire	2+	M/107, M/386
			Protective layer;		Reaction to fire	1, 3, 4	
			For drainage and/or filtration;				
			For reinforcement.				
			Separation layer	In all works	For all essential characteristics except reaction to fire	2+	
					Reaction to fire	1, 3, 4	
EN 13361	Geosynthetic barriers — Characteristics required for use in the construction of reservoirs and dams	Geosynthetic barriers, including polymeric geosynthetic barriers, clay geosynthetic barriers and bituminous geosynthetic barriers, to be used as fluid barriers in the construction of reservoirs and dams	Fluid barriers	In reservoirs and dams	For all essential characteristics except reaction to fire	2+	M/107
					Reaction to fire	1, 3, 4	
EN 13362	Geosynthetic Barriers — Characteristics required for use in the construction of canals	Geosynthetic barriers, including polymeric geosynthetic barriers, clay geosynthetic barriers and bituminous geosynthetic barriers, when used as fluid barriers in the construction of canals	Fluid barriers	In canals	For all essential characteristics except reaction to fire	2+	M/107
					Reaction to fire	1, 3, 4	
EN 13491	Geosynthetic barriers — Characteristics required for use as a fluid barrier in the construction of tunnels and underground structures	Geosynthetic barriers, including polymeric geosynthetic barriers, clay geosynthetic barriers and bituminous geosynthetic barriers, when used as fluid barriers in the construction of tunnels and underground structures	Fluid barriers	In tunnels and underground structures	For all essential characteristics except reaction to fire	2+	M/107
					Reaction to fire	1, 3, 4	
EN 13492	Geosynthetic barriers — Characteristics required for use in the construction of liquid waste disposal sites, transfer stations or secondary containment	Geosynthetic barriers, including polymeric geosynthetic barriers, clay geosynthetic barriers and bituminous geosynthetic barriers, when used as fluid barriers in the construction of liquid waste disposal sites, transfer stations and secondary containment	Fluid or gas barriers	In liquid waste disposal sites, transfer stations and secondary containment	For all essential characteristics except reaction to fire	2+	M/107
					Reaction to fire	1, 3, 4	

EN 13493	Geosynthetic barriers — Characteristics required for use in the construction of solid waste storage and disposal sites	Geosynthetic barriers, including polymeric geosynthetic barriers, clay geosynthetic barriers and bituminous geosynthetic barriers, when used as fluid barriers in the construction of solid waste storage and disposal sites	Fluid or gas barriers	In solid waste storage and disposal sites	For all essential characteristics except reaction to fire	2+	M/107
					Reaction to fire	1, 3, 4	
EN 15381	Geotextiles and geotextile-related products — Characteristics required for use in pavements and asphalt overlays	Geotextiles and geotextile-related products used in the construction of pavements and asphalt overlays	For reinforcement and stress relief; Interlayer barrier.	In pavements and asphalt overlays	For all essential characteristics except reaction to fire	2+	M/107 M/386
					Reaction to fire	1, 3, 4	
EN 15382	Geosynthetic barriers — Characteristics required for use in transportation infrastructure	Geosynthetic barriers (polymeric, clay and bituminous geosynthetic barriers), used as fluid barriers in infrastructure works, e.g. roads, railroads, runways of airports	Fluid or gas barriers; Protective layer; For drainage and/or filtration; For reinforcement.	In roads, railways, foundations and walls ,drainage systems, erosion control, reservoirs and dams, canals, tunnels and underground structures , liquid waste disposal or containment , for solid waste storage or waste disposal	For all essential characteristics except reaction to fire	2+	M/107
					Reaction to fire	1, 3, 4	