

Eco Mark Product Category No.131

“Products for Civil Engineering Version 1.21” Certification Criteria

— Applicable Scope —

Among construction materials, mainly those for public use as given in Appendix1

- A. Wood
- B. Steel construction materials
- C. Concrete materials
- D. Concrete product
- E. Landscaping/revegetation materials
- F. Pavement/ Road materials
- G. Materials for temporary structures
- H. Sewage/waterworks materials
- I. Materials for bridges/rivers/harbors
- J. Other materials

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Japan Environment Association

Eco Mark Office

NOTE: This document is a translation of the criteria written in Japanese. In the event of dispute, the original document should be taken as authoritative.

Appendix 1 Applicable Products

Classification			Product name
A.Wood			(1) Wooden tiling/blocks (2) Wood pavement materials
B.Steel construction materials			(3) Permeable steel sheet piles (4) Low displacement steel piles
C. Concrete materials	Aggregates	Molten slag aggregate	(5) JIS A 5031: Melt-solidified slag aggregate for concrete derived from municipal solid waste and sewage sludge
		Slag aggregates	(6) JIS A5011-1: Blast furnace slag aggregates (7) JIS A5011-2: Ferro-nickel slag aggregates (8) JIS A5011-3: Copper slag aggregates (9) JIS A5011-4: Electric furnace oxidation slag aggregates
		Recycled aggregates	(10) JIS A 5021 Recycled aggregates JIS A 5022 Appendix, Recycled aggregates JIS A 5023 Appendix, Recycled aggregates
		Lightweight aggregate	(11) Glass aggregate (12) JIS A 5002: Lightweight aggregate for structural concrete (13) Expanded aggregate
	Cement		(14) JIS R5210: Portland cement (15) JIS R5211: Portland Blast Furnace Slag Cement (16) JIS R5213: Portland Fly Ash Cement (17) JIS R5214: Eco-cement
	Admixture		(18) JIS A 6206 Powder dust of blast furnace slag (19) JIS A 6201 Fly ash (20) (20)JIS A 6207 Silica fume
D.Concrete product			(21) JIS A5371 Precast plain concrete products, Category II (22) JIS A5372 Precast ferroconcrete products, Category I and Category II (23) JIS A5373 Precast prestressed concrete products (24) JIS A5409 Prefabricated ferroconcrete fence components (25) JIS A5412 Prestressed concrete double-T slabs (26) JIS A6511 Hollow prestressed concrete panels
E.Landscaping/revegetation materials			(27) Vegetation mat (28) Vegetation sheet (29) Vegetation net (30) Vegetation net with fertilizer bags attached (31) Planters (excluding small planters for household use) (32) indication panels (Name plate is applicable for “Commodity”) (33) Mulching protectors for trees (34) Waterside revegetation materials (35) Tree protector materials/lawn protector materials (36) Artificial trees

Classification			Product name
E.Landscaping/revegetation materials (cont'd)			(37) Bench/stool/table (to be made of concrete or fixed to a concrete foundation by construction) (38) Sprinklers (irrigation pipes, etc.) (39) Prefabricated glass greenhouses (40) Pergolas (41) Arbors (42) Drinking fountains (43) Shelters (44) Trellises (45) Artificial lawns (46) Street materials (design fences) (47) Rootstock control materials (weed control mats, excavation materials) (48) Artificial landscaping materials (49) Protective materials (elasticity protecting material) (50) Buffer stops (51) Fake stones (52) Steel wire coated with colored plastics (products and fences compliant with JIS G3543)
F. Pavement/ Road materials	Pavement materials		(53) Rubber pavement materials (54) Rubber particle-containing antifreezing pavement materials (55) Recycled sub-base materials and recycled asphalt mixture
	Traffic sign/traffic lane lines	Traffic signboards	(56) Traffic signboards
		Traffic sign materials	(57) Road rivets (58) Delineators (snow poles), guide light (59) Delineators (60) Traffic signposts/road reflection mirrors (61) Traffic signboards/guardrail protection materials (62) Traffic signposts/road reflection mirrors (63) Traffic signboards/guardrail protection materials
		Traffic lane lines	(64) Glass beads for road marking paint
	Road materials	Road lighting	(65) Low-grade insect-trap road lighting (66) Balustrade lighting
		High-performance noise reduction equipment	(67) High-performance noise reduction equipment

Classification			Product name
	Road materials (cont'd)	Other road materials	(68) Sound insulation walls (69) Crossing prevention fences for sidewalks (70) Fall prevention fences (71) Concrete road products for local road use (72) Side ditch lids of the former Ministry of Construction standards (73) Long U/new long U (74) Other concrete road products (75) Free inclination side ditches (76) JIS A5345 Ferroconcrete for road use (77) Other side ditch materials (78) Circular waterways (79) Exterior concrete (80) Water collection/rainwater/wastewater pits (81) Concrete boundary piles (82) Grating (83) High-performance translucent boards (84) Hump (85) Cone (86) Center divider blocks made of recycled plastic
G. Materials for temporary structures		Scaffolding, landing bridges, etc.	(87) Lining board (88) Temporary road mat (89) Road mat
		Molds	(90) Round/rectangular molds (91) Decorative form
H.Sewage/ waterworks materials		Rainwater-permeable facilities	(92) Penetration pits (93) Penetration manholes (94) Penetration wells (95) Penetration tubes/penetration trench tubes (96) Rainwater storage penetration perforated board trenches (97) Penetration box culverts (98) Rain penetration tank
I.Materials for bridges/rivers/harbors			(99) Rubber materials for harbors(Fenders/rubber ship gangways/Corner protection materials / Slip prevention fences) (100) Harbor embankment mats (101) (Wire-cylinders (102) Special type mat cylinders (103) Impermeable-type steel erosion control weirs (104) Permeable-type steel erosion control weirs (105) Steel sheet piles with pots for bank protection and tree planting (106) Fish-breeding reefs and base materials for breeding (107) channel repairing panel

Classification	Product name
J.Other materials	(108) Drainage materials (109) Revegetation base materials (110) Backfill materials (111) Slope protection nets (rock fall protectors and slope fall protectors with less environmental impact) (112) Non-chloride type anti-freezing agents/antiskid (113) Buried marker sheets (114) Protective tube for underground cable (115) Water bars (116) Joint filter/joint bars (117) Foundation improvement materials (118) Cable trough (119) Water shield sheets (120) Construction material: chalk for chalk line