

Eco Mark Product Category No.137

“Building Products (Materials for Exterior Finish and Construction) Version1.0” Certification Criteria

— Applicable Scope —

- A. Materials for concrete blocks, ALC panels, and extruded cement boards (scheduled)
- B. Materials for waterproofing work
- C. Materials for roofing and gutter work (scheduled)
- D. Materials for exterior finish work (scheduled)
- E. Materials for exterior facility work (scheduled)

Established: May 5, 2007

Term of validity: December 31, 2012

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.

Contents

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- B. Materials for waterproofing work**
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- C. Materials for roofing and gutter work (scheduled)**
- D. Materials for exterior finish work (scheduled)**
- E. Materials for exterior facility work (scheduled)**

Eco Mark Product Category No.137 “Building Products (Materials for Exterior Finish and Construction) Version1.0” Certification Criteria (Draft)

Category B-1 Roofing

1. Applicable Scope

* Asphalt roofing felt	JIS A 6005
* High polymer-based roofing sheet	JIS A 6008
* Net-shape asphalt roofing	JIS A 6012
* Modified asphalt roofing sheet	JIS A 6013
* Stretch asphalt roofing felt	JIS A 6022
* Perforated asphalt roofing felt	JIS A 6023

2. Certification Criteria and Certification Procedure

2-1. Environmental Criteria and Certification Procedure

- (1) The total mass of recycled rubber, recycled fibers and recycled plastic materials shall be no less than 10% of the product mass less that of asphalt.

[Certification Procedure]

The Applicant shall fill in the names of recycled materials and their respective contents on the Attached Certificate form and submit it together with the raw materials certifications issued by the respective raw material suppliers.

- (2) The Product shall conform to the standards concerning elusion of heavy metals and other hazardous substances that are set forth in Attached Table 2 of the enforcement regulation of the Soil Contamination Countermeasures Law (2002 Ministerial Order No. 29 of the Ministry of the Environment) with respect to cadmium, lead, hexavalent chromium, arsenic, mercury, selenium, fluorine, and boron among the specified hazardous substances listed therein.

Provided however, elusion tests for cadmium, lead, arsenic, and total mercury may be omitted to the extent that no detection has been confirmed by the composition analysis test stipulated in 4-1.(3) herein below.

[Certification Procedure]

The Applicant shall state in the Attached Certificate form the conformance (or lack thereof) to this criteria and submit it together with a document certifying the results of tests conducted by an independent testing organization or by a public body.

- (3) The Product shall conform to the standards concerning the contents in the Product of hazardous substances that are set forth in Attached Table 3 of the enforcement regulation of the Soil Contamination Countermeasures Law (2002 Ministerial Order No. 29 of the Ministry of the Environment) with respect to cadmium, lead, arsenic, total mercury and others among the specified hazardous substances listed therein.

[Certification Procedure]

The Applicant shall state in the Attached Certificate form the conformance (or lack thereof) to this criteria and submit it together with a document certifying the results of tests conducted by an independent testing organization or by a public body.

- (4) The Product shall not contain asbestos.

[Certification Procedure]

The Applicant shall state in the Attached Certificate form the conformance (or lack thereof) to this criteria and containing of asbestos (or not thereof).

- (5) The Product shall be accompanied by a manual relating to installation, use, maintenance, disassembly, disposal and recycling that is available for reading by the builder and the building owner.

[Certification Procedure]

The Applicant shall state in the Attached Certificate form the conformance (or lack thereof) to this criteria. In addition, the Applicant shall submit a sample of a manual relating to installation, use, maintenance, disassembly, disposal and recycling. Regarding a part of the product's lifecycle from installation to recycling which is not included in the manual, the reason shall be indicated.

- (6) The Product shall be free of termite control agents, preservatives, or fungicides.

[Certification Procedure]

The Applicant shall state in the Attached Certificate form the conformance (or lack thereof) to this criteria.

- (7) No foamed resins used in the Product shall have been made by the use of any of the five specified CFCs listed in the attached Table 1, other CFCs, carbon

tetrachloride, trichloroethane, or CFC substitutes (HCFC, HFC).

[Certification Procedure]

The Applicant shall state in the Attached Certificate form the conformance (or lack thereof) to this criteria.

- (8) Applicable environmental laws and regulations, pollution prevention agreements and any other requirements shall have been observed in the course of the Product manufacture with respect to air pollution, water contamination, noise, vibration, obnoxious odor, emission of hazardous substances, etc.

[Certification Procedure]

The Applicant shall submit a statement signed by the general manager of the manufacturing site of the Product declaring that all applicable environmental laws and regulations and the like have been observed and no violations or the like have been committed during the five-year period preceding the date of application.

2-2. Quality Criteria and Certification Procedure

- (9) The quality of the Product shall conform to any applicable JIS standards.

[Certification Procedure]

The Applicant shall submit a document certifying the test results and other data to show conformance with the applicable JIS standards. In the event the Product or the manufacturing site of the Product has been certified by JIS, submission of a copy of certificate issued by JIS shall suffice for the aforesaid purpose.

Established (Version 2.0): May 5, 2007

Validity Period: December 31, 2012

The Certification Criteria for the Product Category will be revised when necessary.