

Eco Mark Product Category No139

**“Building Products (Equipment) Version1.5”
 Certification Criteria
 B. Plumbing equipment
 B-2 Waterproof pan**

Japan Environment Association
 Eco Mark Office

1. Purpose of Establishing Certification Criteria

Omitted

2. Applicable Scope

- Waterproof pan for bathroom JIS A 4419
- Waterproof pan for Washing

3. Terminology

Recycled Material	Materials made of post-consumer materials or pre-consumer materials, or their compounds.
Pre-consumer material	Materials or defective products generated from disposal route of manufacturing process. However, excludes those recycled within the same process as the raw material (same plant).
Post-consumer material	Materials or products disposed of after they have been used as goods.
Recycled plastic materials	Recycled materials mainly composed of High molecular material. Recycled materials which contain additives not to be separated from polymers during the process of material recycling, such as plasticizer, etc. shall be regarded as recycled plastic materials
Prescription constituents	Components intentionally added with the purpose of providing particular functions to the product. Impurities which are inevitably mixed during the manufacturing process are excluded.
Plastics	Material composed of single or plural polymers, plus additives, fillers, etc. which are added to the polymer(s) to give specific characteristics
Additive	Materials to give new properties to products or complement insufficient properties.

Polymer	High molecular material which is main constituent of plastic
Recycling	Indicates material recycling. Does not include energy recovery (thermal recycling).

4. Certification Criteria and Certification Procedure

4-1. Environmental Criteria and Certification Procedure

- (1) The product shall contain recycled plastics no less than 50% in weight against the total weight of the product.

[Certification Procedure]

The Applicant shall fill in the names of recycled materials and their respective standard mixture rate on the Attached Certificate and submit it together with the raw materials certificates 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 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, hexavalent chromium, arsenic, mercury, selenium among the specified hazardous substances listed therein.

However, this item does not apply to metals.

[Certification Procedure]

For the elusion of applicable substances from the product, the results of tests conducted by an own company or a third party testing body shall be submitted. In case to conduct tests for each material, for the material which does not clearly contain the applicable substances, the certification certified by a material business or an applicant which shows the product contains no applicable substances is acceptable. However, for recycled materials, tests shall be conducted.

- (3) 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]

An applicant shall indicate in the Attached Certificate whether the product conforms to this item. 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.

- (4) The Product shall be again recyclable after use. With respect to composite materials,

attention shall be paid for easy separation of different materials.

[Certification Procedure]

The recycling method for main materials and separation method of different materials shall be explained.

- (5) The product shall carry an indication that facilitates recycling. To indicate a polymer type, symbols in the Japan Industrial Standards JIS K6899-1 or ISO 1043-1 shall be used. For a marking method, JIS K 6999 shall be followed. Targeted members of waterproof pan for bathroom shall follow the latest edition of “Judging Standard for Implementation of Assessment of Bath Unit Products” that is indicated in “Bath Unit Product Assessment Manual Bath Unit 3R Promotion Committee”. In addition, for any product that is obliged to indicate materials by other laws or ordinances, conformance to this item may be substituted by the indication thereof.

[Certification Procedure]

Any photograph and/or design drawing to show the content and the portion of indication shall be submitted.

- (6) The product shall have no flame retardant of Polybrominated biphenyl (PBB), Polybrominated diphenylether (PBDE) or short-chain chlorinated paraffin (the number of chained C is 10 to 13 and contained chloride concentration is 50% or over) added as formulated components.

The product shall not use antimicrobial agents as far as possible. In the case of use, the product shall be certified by such as the SIAA Mark of Society of Industrial technology for Antimicrobial Articles or Registration system for the use of antimicrobial performance criteria of Japan Construction Material & Housing Equipment Industries Federation.

. [Certification Procedure]

Compliance (or lack thereof) with this item shall be indicated in the Attached Certificate.

In the case of using flame retardant, the Applicant shall fill in the names of chemical substances on the Attached Certificate. In the case of using antimicrobial agents, a copy of a certificate etc shall be submitted.

- (7) In manufacturing the applied product, related environmental laws and regulations and pollution control agreement (hereinafter referred to as the “Environmental Laws, etc.”) must be followed with respect to air pollution, water contamination, noise, offensive odor, and emission of hazardous substances in the area where the plant performing the final manufacturing process is located.

In addition, the state of compliance with the Environmental Laws, etc. for the past five years from the date of application (whether there is any violation) must be

reported. If there is any violation, proper remedies and preventive measures shall have been already taken, and the related Environmental Laws, etc. must thereafter be followed appropriately.

[Certification Procedure]

With respect to the compliance with the Environmental Laws, etc. in the area where the plant performing the final manufacturing process is located, a certificate issued by the representative of the business of manufacturing the applied product or the relevant plant manager (entry or attachment of a list of names of the Environmental Laws, etc.) must be submitted.

In addition, the applicants shall report whether there is any violation in the past five years, including a violation subject to administrative punishment or administrative guidance, and if there is, the following documents in a and b must be submitted:

- a. With respect to the fact of violation, guidance documents from administrative agencies (including order of correction and warning) and copies of written answers (including those reporting causes and results of correction) to such documents (clearly indicating a series of communication);
- b. Following materials (copies of recording documents, etc.) concerning the management system for compliance with the Environmental Laws, etc. in 1)-5):
 - 1) List of the Environmental Laws, etc. related to the area where the plant is located;
 - 2) Implementation system (organization chart with roles, etc.);
 - 3) Bylaws stipulating retention of recording documents;
 - 4) Recurrence prevention measures (future preventive measures)
 - 5) State of implementation based on the recurrence prevention measures (check results of on-site inspection, etc. as compliance condition).

4-2. Quality Criteria and Certification Procedure

- (8) The quality of the Product shall conform to JIS A 4419 “Prefabricative pans for bathrooms”. In addition, the waterproof pan for washing shall conform to a standard such as a corresponding BL standard, or an internal standard that conforms to JIS A4419.

[Certification Procedure]

The applicant shall submit a certificate showing conformance to the applicable JIS standards, etc.

5. Product Classification, Indication and Others

Omitted

May 5, 2007	Established (Version 1.0):
February 25, 2008	Revised: (B-2 added Version1.1)
August 21, 2008	Revised (4-1(6) Version1.2)
March 15, 2010	Extension of Validity Period
March 1, 2011	Revised (5.(2) Version 1.3)
June 15, 2012	Revised (4-1.(6) Version1.5)
December 31, 2022	Validity Period:

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