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Test methods for durability of woodplastic recycled composite

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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by Japan Construction Material & Housing Equipment Industries Federation (J-CHIF)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

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Test methods for durability of wood-plastic recycled composite

1 Scope

This Japanese Industrial Standard specifies the test methods for confirming the durability of wood-plastic recycled composite specified in **JIS A 5741** (hereafter referred to as "recycled composite").

As the reference of durability test of recycled composite, the antproof test is described in Annex B, the fatigue resistance test and the fatigue resistance test after accelerated degradation is described in Annex C, and the abrasion resistance test after accelerated degradation is described in Annex D.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

- JIS A 1412-1 Test method for thermal resistance and related properties of thermal insulations—Part 1: Guarded hot plate apparatus
- JIS A 1412-2 Test method for thermal resistance and related properties of thermal insulations—Part 2: Heat flow meter apparatus
- JIS A 1412-3 Test method for thermal resistance and related properties of thermal insulations—Part 3: Circular pipe apparatus
- JIS A 1415 Methods of exposure to laboratory light sources for polymeric material of buildings
- JIS A 1451 Method of abrasion test for building materials and part of building construction (Method of abrasion test for flooring materials method with rotating disk fitted friction and impact)
- JIS A 1454 Test methods—Resilient floorcoverings
- JIS A 5741 Wood-plastic recycled composite
- JIS A 5905 Fiberboards
- JIS K 5600-5-4 Testing methods for paints—Part 5 : Mechanical property of film— Section 4 : Scratch hardness (Pencil method)
- JIS K 5600-8-6 Testing methods for paints—Part 8 : Evaluation of degradation of paint coatings—Section 6 : Rating of degree of chalking
- JIS K 6902 Testing method for laminated thermosetting high-pressure decorative sheets
- JIS K 6911 Testing methods for thermosetting plastics