



TEST REPORT

No. : SHIN181103439CCM

Date : Nov. 26, 2018

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CUSTOMER NAME: LG HAUSYS CO., LTD.
ADDRESS: 16F, ONE IFC, 10, GOOKJEGEUMYOONG-RO, YOUNGDEUNGPO-GU,
SEOUL

The test results were transferred from Report No. SHIN181003024CCM dated Nov. 16, 2018 issued by SGS.

Sample Name : DECOTILE
Others : SGS Korea File No.: AYAA18-51102

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Test Required : Reaction to fire
Test Method : EN 13501-1:2007+A1:2009
Date of Receipt : Oct. 15, 2018
Testing Start Date : Oct. 15, 2018
Testing End Date : Nov. 16, 2018
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services (Shanghai) Co., Ltd.

Erin Huang
Authorized signatory



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Test item: Reaction to fire

I. Test conducted

This test was conducted as per EN 13501-1:2007+A1:2009 Fire classification of construction products and building elements – Part 1: Classification using data from reaction to fire tests. And the test methods as following:

1. EN ISO 9239-1:2010 Reaction to fire tests for floorings —Part 1: Determination of the burning behaviour using a radiant heat source.
2. EN ISO 11925-2:2010+Cor.:2011 Reaction to fire tests — Ignitability of building products subjected to direct impingement of flame — Part 2: Single-flame source test.

II. Details of classified product

Sample description	Flooring
Color	Yellow
Thickness	About 5.0mm
Mass per unit area	About 8.7 kg/m ²

Mounting and fixing:

Fibre cement board, with its density approximate 1800kg/m³, thickness approximate 9mm, is as the substrate. The test specimens are fixed mechanically to the substrate. Have joint in the long wing.

III. Test results

Test method	Parameter	Number of tests	Results
EN ISO 9239-1	Critical flux (kW/m ²)	3	≥ 8
	Smoke (%×minutes)		199.3
EN ISO 11925-2 Exposure = 15 s	F _s ≤ 150 mm	6	Yes



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