

Date of testing : 27/07/2016
 Conditioning time, climate : ≥ 7 days, 23 ± 2 °C and 50 ± 5 %
 Description of substrate : Fibre cement board, 8 ± 2 mm, 1800 ± 200 kg/m³
 conforming to EN 13238.
 Sampling procedure : By contractor.
 Description of cleaning used : None.
 Fixing method : The tested product is glued with Parfax universal on
 22/07/2016
 Tested combination : **MT16-113956.05 + MT16-113956.06**
LVT + FloorFix

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Test specimen, orientation	Flame spread (cm)	CRF (kW/m ²)	Peak light attenuation (%)	Smoke production (%.min)	Indicative classification*
I, Length	26.0	8.1	15.3	107	B_{fl} - s1

Specimen 1: There are flashing, transitory- and sustained flaming observed.
 Specimen 1: Extinguished naturally before the end of the test duration

* The recorded CRF-value would imply this classification could be achieved, according to EN 13501-1:2007+ A1:2009. The indicative classification is based on only one sample, while four samples are required for a final classification.

Statements:

The test results only relate to the behaviour of the test specimens of the examined product under the particular conditions of the test in laboratory conditions; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use. The method might not be suitable if the product is exposed to much larger flames or heat radiant sources.

The validity of this report will expire directly after alterations or modifications of the examined product (combination)(s) and/or the criteria. This report shall not be reproduced, except in full, without the written approval of the testing laboratory. This document does not represent type approval or certification of the product.

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Review:

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(end of report)

APPENDIX I: Flooring Radiant Panel Single Specimen Report

Report produced with the Fire Testing Technology TRPSOFT software

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Flooring Radiant Panel Single Specimen Report

Standard : EN ISO 9239-1:2010
Laboratory : TÜV Rheinland Nederland B.V.
Sponsor : Estillon 89210140
Date of test : Jul. 26 2016

Specimen description : 1 VP+ 1 floorfix MF16-113956.05 + 06
Test name : # 1 Prod
File name : D:\FRPFILES\16070914.CSV
Test number in series : 1

Flux calibration file name : C:\TRPSOFT2.9A\CALIB\FLX16010.CSV

Thickness (mm) :
Density (kg.m³) :

Test duration : 24 minutes (1440 s)
Substrate used? : Yes
Substrate : Calcium silicate
Fixing method : None (loose laid)
Conditioned? : Yes
Conditioning temp. (°C) : 23
Conditioning RH (%) : 50

Test Results

Time to ignition : 2 minutes 03 seconds (123 s)
Time to flameout : 23 minutes 54 seconds (1434 s)
Extent of burning (mm) : 260
Critical flux at extinguishment (kW/m²) : 8.14
HF-10 (kW/m²) : 10.38
HF-20 (kW/m²) : 8.31
HF-30 (kW/m²) : Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm) : 120
Flame spread at 20 minutes (mm) : 250
Flame spread at 30 minutes (mm) : Not measured
Peak light attenuation (%) : 15.3
Time to peak light attenuation : 2 minutes 17 seconds (137 s)
Total integrated smoke (%.min) : 107.18
Potential classification : A2(f)/B(f)
Smoke production classification : s1

These results relate only to the behaviour of the specimens of the product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.