



**® TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.**  
**Technical and Test Institute for Construction Prague, SOE**

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**Notified Body 1020**  
**Branch 0100 – Prague**

# REPORT

**on the outcome of the assessment and verification of constancy  
of performance of the product**

according to the Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011  
(the Construction Products Regulation or CPR), Art. 1.2 of the Annex V (system 1)

**No. 010-040541**

Trade name:

**Decorative wall coverings - Roll and panel form**  
type / variation: z:in wallcovering gracia tex (F)

Manufacturer:

**LG Hausys, Ltd**

INo:

Address: 10, Gukjegeumyung-ro, Yeongdeungpo-gu, Seoul, Korea

Plant: Plant No. 1

Plant: Plant No. 2

Order: Z010180090

Number of report pages including title-page: 4

Number of Annexes: -

Stamp of the Notified Body 1020

Prague, December 4, 2018



  
Ing. Zdeněk Kočí  
Chief Assessor

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## 1. General

### 1.1 Information about the manufacturer

Name: LG Hausys, Ltd  
Address: 10, Gukjegeumyung-ro, Yeongdeungpo-gu, Seoul, Korea  
Plant: LG Hausys, Ltd  
Address: Plant No. 1  
Address: Plant No. 2

### 1.2 Information about the product and its intended use

**LG Hausys decorative wallcovering according to EN 15102:2007+A1:2011**

**type / variation: z:in wallcovering gracia tex (F)**

Intended use: decorative wall covering for hanging to internal walls, partitions and ceilings

Composition: Printed layer, PVC sheet coated layer – Synthetic resin PVC (Commercial: fire-resistant treated), Backing (Scrim)

Thickness: (0.45-0.58) mm

Mass per unit area: 390 g/m<sup>2</sup>±0.5%

*Product shall be applied to the substrate according to the hanging instructions of the manufacturer.*

### 1.3 List of documentation provided by the manufacturer to the assessment and verification of constancy of performance (AVCP)

- Application for performance of activity of notified body – AVCP system 1
- TCF Manual, Doc. No. LSC-530-V00, from 2018-06-22, rev. 0, issued by LG Hausys, Ltd.

#### Plant No.1:

- Manufacturing & QC Process, Doc. No. LSC-530-V03, from 2018-06-22, rev. 0, issued by LG Hausys, Ltd.
- Testing & Inspection, Doc. No. LSC-530-V04, from 2018-06-22, rev. 0, issued by LG Hausys, Ltd.
- Risk Analysis, Doc. No. LSC-530-V06, from 2018-06-22, rev. 0, issued by LG Hausys, Ltd.
- Declaration of Performance, Doc. No. LSC-530-V07, from 2018-06-22, rev. 0, issued by LG Hausys, Ltd.
- Testing & Inspection, Doc. No. LSC-530-V04, from 2018-06-22, rev. 0, issued by LG Hausys, Ltd.

#### Plant No. 2:

- Manufacturing & QC Process, Doc. No. LSC-530-V03, from 2018-06-22, rev. 0, issued by LG Hausys, Ltd.
- Production and product inspection (wallpaper), Doc. No. GJI-832, from 2012-01-02, rev. 3, issued by GEUMJIN., LTD
- Testing & Inspection, Doc. No. LSC-530-V04, from 2018-06-22, rev. 0, issued by LG Hausys, Ltd.

- Production and product inspection (wallpaper), Doc. No. GJI-832, from 2012-01-02, rev. 3, issued by GEUMJIN., LTD
- Customer Complaint Process, Doc. No. GJP-902, from 2018-02-05, rev. 3, issued by GEUMJIN., LTD
- Measurement and monitoring process, Doc. No. GJP-808, from 2018-02-05, rev. 0, issued by GEUMJIN., LTD
- Declaration of Performance, Doc. No. LSC-530-V07, from 2018-06-22, rev. 0, issued by LG Hausys, Ltd.
- Nonconforming product management process, Doc. No. GJP-809, from 2018-02-05, rev. 3, issued by GEUMJIN., LTD
- Supplier list, Doc. No. KQP-720-09, from 2002-11-30, rev. 0, issued by GEUMJIN., LTD
- Inspection of raw materials and acceptance (wallpaper), Doc. No. GJI-8319, from 2015-06-20, rev. 5, issued by GEUMJIN., LTD
- Inspection report Gracia TEX, Doc. No. KQI-831-01, issued by GEUMJIN., LTD
- Ingredients and Mixing Instructions, Doc. No. GJI-831, from 2018-02-05, rev. 4, issued by GEUMJIN., LTD
- Human Resource Management Process, Doc. No. GJP-702, from 2018-02-05, rev. 4, issued by GEUMJIN., LTD
- Nonconforming and Corrective Action Process, Doc. No. GJP-1001, from 2018-02-05, rev. 3, issued by GEUMJIN., LTD

#### **1.4 List of the other documentation used during the product AVCP**

- Act No. 22/1997 Coll. on Technical Requirements for Products as amended and supplemented;
- Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation – CPR);
- Checklist - Inspection of Factory and of Factory Production Control from 27.11.2018 to 28.11.2018 issued by Technical and Test Institute for Construction Prague.

#### **1.5 Technical specification relating to the AVCP (as amended)**

- EN 15102:2007+A1:2011 - Decorative wall coverings - Roll and panel form

#### **1.6 Information about previous AVCP**

- This is the first assessment and verification of constancy of performance of the product.

## **2 Product Assessment**

### **2.1 Technical requirements**

The following characteristics are assessed according to the EN 15102:2007+A1:2011:

- EN 13501-1:2007+A1:2009 Fire classification of construction products and building elements - Part 1: Classification using test data from reaction to fire tests

### **2.2 List of the Test Reports:**

- Classification of reaction to fire in accordance with ČSN EN 13501-1+A1:2010 (EN 13501-1:2007+A1:2009) – No. PK-18-124, issued by CSI a.s., Authorised Body No. 212, Fire Technical Laboratory on 18.09.2018.
- Test Report Nr. 18/440/P537, issued by CSI a.s., Fire Technical Laboratory on 19.07.2018.

- Test Report Nr. 18/440/P538, issued by CSI a.s., Fire Technical Laboratory on 19.07.2018.

### 2.3 Evaluation of the results of the product tests and assessment

Table No. 1:

Product characteristic	Obtained data value	Test report/Classification report No.
Reaction to fire	Reaction to fire class: <b>B – s2, d0</b>	18/440/P537 18/440/P538 PK-17-089

## 3 Factory Production Control Assessment

- The assessment was carried out according to the EN 15102:2007+A1:2011. The audit of the factory production control was performed on 27.11.2018 to 28.11.2018 by the Chief Assessor Mr. Zdeněk Kočí, Assessor Mrs. Klára Bednářová and Assessor - Observer Mr. Junsung Lee in presence representative of producer Mr. Jungho Park. Data of assessment are listed in the checklist which is archived by notified body.

### 3.1 Requirement of the technical specification regarding Factory Production Control:

- Requirements are laid down in EN 15102:2007+A1:2011.

### 3.2 Evaluation of the Factory Production Control assessment results:

- Technical documentation of the manufacturer LG Hausys, Ltd contains description of the FPC
- Non-conformities were not identified.
- Solution of omission will be verified during the surveillance planned on November 2019. These omissions do not obstruct the effective function of the FPC.
- The FPC corresponds to the technical documentation and allows to achieve and maintain declared product performances.

## 4 Conclusion

- The sample of product fulfils the requirements of the technical specification.
- The FPC is in accordance with the harmonised technical specification and ensures that the declared performances are achieved.
- Findings and conclusions mentioned in this Report are valid providing the conditions under which FPC assessment was carried out remain unchanged (e.g. technical regulations, technical specifications, production technology, incoming raw and manufacturing equipment).
- In compliance with provision of the CPR Art. 1.2, Annex V Surveillance Reports containing FPC assessment and evaluation have to be complementary to the technical documentation.

## 5 Annexes

- No annexes.