

CERTIFICATION SCHEME ZGP 1

Construction product: *Fire resisting and/or smoke control internal doorsets*

Assessment and verification of constancy of performance system (AVCP): **System 1**

1. GENERAL	
Basis for certification	Construction products act (Official Gazette 76/13, 30/14, 130/17, 39/19, 118/20) Technical regulation on construction products (Official Gazette 35/18, 104/19, 103/24)
Product marking	Declaration of performance, C marking and technical instructions written in croatian language according to the Construction Products Act (Official Gazette 76/13, 30/14, 130/17, 39/19 i 118/20); Rules on the bodies and procedures of the market for construction products (Official Gazette 118/19)
Certification instructions	LTM-PR01: Rules for evaluation and verification of the constancy of performance Flowchart– AVCP Procedure Guidelines for certification of construction products LTM-CU 02
Type of approved body (AB)	Product certification body 3/05 by decision of the Ministry of Construction and Physical Planning of the Republic of Croatia
Type of certificate	Certificate of constancy of performance
Tasks of the notified body in system 1	A. Assessment of the performance of construction product carried out on the basis of testing (including sampling, calculation, tabulated values or descriptive documentation of the product) B. Initial inspection of the manufacturing plant and factory production control C. Continuous surveillance, assessment and evaluation of factory production control
Frequency of the surveillance	According to requirements of standard or at least 1 per year

Certification flowchart	Flowchart – AVCP procedure – (system 1, ZGP)
Validity of Certificate	Until withdrawal (voluntary or forcible)

2. Tehnical specifications

Product	Pedestrian doorsets, industrial, commercial, garage doors and openable windows -- Product standard, performance characteristics -- Fire resisting and/or smoke control characteristics (EN 16034:2014) HRN EN 14351-2:2018 Windows and doors -- Product standard, performance characteristics -- Part 2: Internal pedestrian doorsets (EN 14351-2:2018)
Evaluation	Pedestrian doorsets, industrial, commercial, garage doors and openable windows -- Product standard, performance characteristics -- Fire resisting and/or smoke control characteristics (EN 16034:2014) - points 4 i 6
Testing	Pedestrian doorsets, industrial, commercial, garage doors and openable windows -- Product standard, performance characteristics -- Fire resisting and/or smoke control characteristics (EN 16034:2014) - point 5

3. Certification process

Phase of the certification process and activities of the certification body	Description of the procedure according to HRN EN 16034:2014	Remark
1. Initial inspection of factory and of FPC	Pt. 6.3.4.	
1.1 Evaluation of documentation: <i>quality manual, procedures, work instructions</i>	Pt. 6.3.1., 6.3.2., 6.3.3. annex B	
1.2 Product Planning: Consideration of technical documentation and catalogs	Pt. 6.3.2., 6.3.3.	
1.3 Procurement and control of input raw materials and components	Pt. 6.3.2.3.	
1.4 Production process and control during the production process	Pt. 6.3.2.2.	
1.5 Handling, storage and packaging	Pt. 6.3.2.9.	

1.6 Non-complying products and corrective actions	Pt. 6.3.2.7., 6.3.2.8.	
1.7 Traceability and marking	Pt. 6.3.2.4.	
1.8 Final control	Pt. 6.3.2.2., 6.3.2.3., 6.3.3.	
1.9 Report of initial inspection of factory and of FPC	-	
1.10 Nonconformities	-	The deadline for the elimination of non-conformities is 3 months
2. Assessment and verification of constancy of performance - AVCP	Pt. 6	
2.1 Type testing	Pt. 6.2.1	
2.2 Number of samples for testing	Pt. 6.2.2.	
2.3 Assessment methods	Pt. 6.2.2.	
2.4 Test report	Pt. 6.2.3.	
2.5 Classification report	Pt. 4.1	
2.6 Extended application reports	Pt. 6.2.1	
2.7 Cascading determination of the product type	Pt. 6.2.4.	
2.8 Evaluation of results	Pt. 4. i 6.2.	
2.9 Nonconformities	-	The deadline for the elimination of non-conformities is 3 months
3. Issuing of certificates		
3.1 Evaluation report		It is issued after the positive results of items 1 and 2

3.2 Certification decision		The decision is made on the basis of the evaluation report and on the recommendation for certification: Positive decision-issuance of certificate. Negative decision - termination of certification process.
3.3 Issue of certificates		Certificate validity: until either the standard, the construction product, the methods of assessment and verification of constancy of performance, or the conditions of production are not significantly changed; or unless withdrawn or suspended by the notified certification body.
4. Continuous surveillance of FPC	Pt. 6.3.5.	Frequency: once a year
4.1 Procedure for modifications	Pt. 6.3.6.	
4.2 Product Planning: Consideration of technical documentation and catalogs	Pt. 6.3.2. 6.3.3.	
4.3 Procurement and control of input raw materials and components	Pt. 6.3.2.3.	
4.4 Production process and control during the production process	Pt. 6.3.2.2.	
4.5 Handling, storage and packaging	Pt. 6.3.2.9.	
4.6 Non-complying products and corrective actions	Pt. 6.3.2.7., 6.3.2.8.	
4.7 Traceability and marking	Pt. 6.3.2.4.	
4.8 Final control	Pt. 6.3.2.2., 6.3.2.6., 6.3.3.	
4.9 Marking	Pt. 7.	
4.10 Report of regular inspection of factory and of FPC	-	
4.11 Nonconformities	-	The deadline for the elimination of non-conformities is 3 months
5. Maintaining certification		
5.1 Report of regular FPC		The signature on the report confirms the validity of the certificate.

Flowchart of the certification process (ZGP):

