



## INSTITUTE FOR TESTING AND CERTIFICATION

trida Tomase Bati 299, Louky, 763 02 Zlin, Czech Republic

Division CSI - Centre of Civil Engineering

Notified Body No. 1023



## FPC ASSESSMENT REPORT

No. 755200146 / 2022

Product: Flexible sheets for waterproofing - Plastic damp proof sheets including plastic basement tanking sheet  
Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing  
Flexible sheets for waterproofing - Bitumen damp proof sheets including bitumen basement tanking sheets

Trade names: see the Annex No. 1 for the Product list

Applicant: ÇUKUROVA YALITIM ÇATI KAPLAMA VE PLASTİK  
ÜRÜNLER SAN. VE TİC. A.Ş.  
Şekerpınar Mah. Süleyman Demirel Cad. No: 4,  
Çayırova/ Kocaeli, Turkey

Production unit: Organize Sanayi Bölgesi Soğucak Köyü Söğütlü –  
Sakarya - Turkey

Assessed by:   
Klára Bednářová

Issued on: 2022-06-17

Number of pages: 7



Mgr. Jiří Heš

Representative of the Notified Body No. 1023

## **Introduction**

Flexible sheets for waterproofing as construction products are assessed on the basis of relevant clauses of the Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC (hereafter CPR; Construction Products Regulation).

For the products referred to above the NB 1023 performed the initial inspection of the place of production, approved the factory production control and will continuously supervise its proper functioning.

## **1. Product specification**

For the general product description see Annex No. 1 to this report.

Bitumen damp proof sheets including bitumen basement tanking sheets according to EN 13969:2004/A1:2006 Flexible sheets for waterproofing - Bitumen damp proof sheets including bitumen basement tanking sheets - Definition and characteristics. This document specifies definitions and characteristics of Bitumen damp proof sheets which are intended to be used as damp proofing for buildings, including bitumen basement tanking. It specifies the requirements and test methods and provides for the evaluation of conformity of the products with the requirements of this standard.

Reinforced bitumen sheets for roof waterproofing according to EN 13707:2004+A2:2009 Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing - Definitions and characteristics. This document specifies definitions and characteristics of Reinforced bitumen sheets for roof waterproofing which are intended to be used as roof waterproofing. It specifies the requirements and test methods and provides for the evaluation of conformity of the products with the requirements of this standard.

Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet according to EN 13967:2012 Flexible sheets for waterproofing – Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet– Definitions and characteristics. This document specifies definitions and characteristics of flexible plastic rubber sheets which are intended to be used as damp proofing for buildings, including basement tanking. It specifies the requirements and test methods and provides for the evaluation of conformity of the products with the requirements of this standard.

## **2. Assessment and Verification of Constancy of Performance (AVCP)**

### **2.1 Harmonized technical specification and the AVCP system**

Relevant harmonized standard:

- EN 13707:2004+A2:2009 Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing - Definitions and characteristics
- EN 13969:2004/A1:2006 Flexible sheets for waterproofing - Bitumen damp proof sheets including bitumen basement tanking sheets - Definitions and characteristics



- EN 13967:2012 Flexible sheets for waterproofing - Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet - Definitions and characteristics

For these products the AVCP system 2+ is laid down, including certification of the factory production control by an approved body (notified production control certification body) on the basis of initial inspection of manufacturing plant and of factory production control as well as of continuous surveillance, assessment and evaluation of factory production control; in compliance with the Annexes ZA of the abovementioned standards and Annex V of CPR. One of the tasks, specified for a Notified Body in the described AVCP system, is to perform continuous surveillance, assessment and evaluation of the factory production control – see Annex ZA of the harmonized standards and Annex V of the CPR.

### 3. Assessment of production control

#### 3.1 Date and locality of the Assessment

The initial assessment of FPC was performed by the external auditors **Fatih Demiral** and **Aysu Bulut** of the Institut pro testování a certifikaci, a. s. Zlín (Institute for Testing and Certification, Inc.), NB 1023 on 09. 06. 2022 at the production site of the company ÇUKUROVA YALITIM ÇATI KAPLAMA VE PLASTİK ÜRÜNLER SAN. VE TİC. A.Ş., Organize Sanayi Bölgesi Soğucak Köyü Söğütlü -Sakarya – Turkey.

Representatives of the company:

- Dilek KARA ŞİMŞEK – FPC and Quality representative.

#### 3.2 Scope of the assessment

A compliance of the following segments of the factory production control with the requirements of the abovementioned standards was audited:

- Organisation structure and responsibilities
- Document control
- Internal audits
- Personnel involved in factory production control
- Employees training records
- Corrective actions
- Management of non-conformities
- Purchasing
- Process control
- Production equipment
- Production area
- Products sampling and traceability
- Measuring and test equipment, test procedures and conditions, quality records, calibration, verification
- Storage
- Packaging and delivery

### 3.3 Submitted documentation

The following documentation of the factory production control was submitted during the assessment:

- Certificate No. SAS.07.2021.92.IB according to TS EN ISO 9001:2015, issued by SASTEK Certification on 06.07.2021, valid until 06.07.2022
- Quality manual KEK, revision 04, valid from 21.05.2018
- Responsibilities of the Management Procedure PR.03 – revision 03, valid from 30.06.2021
- 2022 QMS review report – the report approved by the board of directors
- Organizational chart defined in organizational manual OEK
- Internal audits - plan KP.04 for 2022 – revision 01, valid from 02.11.2017
- Internal audits – report F.03.03 from 2022, Revision 01, valid from 15.11.2016
- Internal audit Procedure PR.18, rev 02, valid from 30.06.2021
- Production Flow Chart AŞ.03, rev1, valid from 25.12.2020
- Input Control Quality Plan KP.01 – Revision 01, valid from 11.06.2018
- Final Control Quality Plan KP.09 – Revision 05, valid from 30.12.2020
- PR.05 Purchasing Procedure – rev02 – valid from 23.05.2017
- Evaluation of suppliers' performance F.07.01, rev02, valid from 30.12.2018
- List of approved suppliers F.07.03, rev02, valid from 30.12.2018
- Raw material specifications
- Technical data sheets for finished products
- Final test report for the product
- Calibration Procedure PR.16, rev02, valid from 30.06.2021
- List of measuring and testing equipment, Plan of equipment calibrations KAP.01 for 2022
- Calibration records,
- Maintenance Procedure PR.12, rev01, valid from 05.07.2017
- Preventive maintenance plan BP.01 for the year 2022
- Quality records
- Job descriptions – It is named with GT code
- Training Procedure PR.15, rev01, valid from 05.07.2017
- Outline and employee training records
- Document Control Procedure PR.01, rev 02, valid from 23.05.2017
- Design Procedure Pr.17, rev02, valid from 29.06.2021
- Logo Use – Corporate Identity Procedure PR.08, rev01, 17.10.2021
- Storage, Shipping, Packing and Delivery Procedure PR.20, rev01, valid from 10.07.2017
- Document Master List F.01.03, rev05, valid from 30.12.2021
- External Document List F.01.03-1, rev01, valid from 12.05.2017
- Non-conforming Product Control Procedure PR.13, rev02, valid from 30.06.2021
- CE mark labels, declaration of performance
- Reaction to Fire test reports for 4x4 DRAIN 400, 4x4 DRAIN 500, 4x4 DRAIN 600 acc. to EN 13501-1, Notified Test Laboratory Efectis Era Avrasya (N.B 2184) Report Numbers: ERA - 22 – 071, FTST22301, ERA - 22 – 072, FTST22302, FTST22303.
- ITT reports (watertightness and others)

### 3.4 Findings

Factory Production Control as implemented by manufacturer according to the technical documentation complies with the technical specification and ensures that the declared performance of the products is actually achieved.

Findings and conclusions referred to this report are valid providing that none of facts, the FPC assessment was performed within, will be changed.



### 3.5 Summary of findings

**Detected observations:**

- No observations were found.

**Detected non-conformities:**

- Non-conformity was not detected

### 4. Conclusion

Notified Body No. 1023 confirmed that the factory production control was efficient and that it met all the relevant requirements of the relevant harmonized standards mentioned above (cl. 1).

**The certified products meet the requirements necessary to issue EC  
Certificates of Conformity by the Notified Body No. 1023**

### 5. Information about a scope of the following surveillance

Every 12 months, further surveillance of the proper functioning of the applicant's factory production control will be carried out. The notified body shall issue a report on the assessment of the surveillance to the manufacturer. Supervision will focus primarily on changes to the situation during the initial assessment or during the last surveillance audit and complaints about the product.

### 6. List of the documents used for Report elaborating

- Application for certification No. 755200146
- Checklist of assessment of FPC during the initial inspection of 09.06.2022.
- Certification audit report on assessment of factory production control (FPC) of 09.06.2022
- EN 13707:2004+A2:2009 Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing - Definitions and characteristics
- EN 13969:2004/A1:2006 Flexible sheets for waterproofing - Bitumen damp proof sheets including bitumen basement tanking sheets - Definitions and characteristics
- EN 13967:2012 Flexible sheets for waterproofing - Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet - Definitions and characteristics

## **Annex 1 - Product list**

### **a) Bitumen based products**

Bitumen based waterproofing membrane are produced with a mixture obtained by modifying high quality bitumen with plastomeric and elastomeric polymer additives. As the endurance of bitumen against low and high temperatures is increased by means of modification with polymeric additives, it can be conveniently applied in hot or cold ambiances. The modified bitumen is engrained in glass tissue or polyester felt and laminated on both-sides via polyethylene film, polyethylene film – aluminium foil, polyethylene film mineral stone.

Table No. 1 : List of products

<b>Product name</b>	<b>Harmonised standard</b>
<b>ALFA AC 200</b>	EN 13969:2004/A1:2006 + EN 13707:2004+A2:2009
<b>ALFA AC 300</b>	EN 13969:2004/A1:2006 + EN 13707:2004+A2:2009
<b>ALFA AP 300</b>	EN 13969:2004/A1:2006 + EN 13707:2004+A2:2009
<b>ALFA AP 400</b>	EN 13969:2004/A1:2006 + EN 13707:2004+A2:2009
<b>ALFA AC AL 300</b>	EN 13707:2004+A2:2009
<b>ALFA AP AL 300</b>	EN 13707:2004+A2:2009
<b>BETA BC 200</b>	EN 13969:2004/A1:2006 + EN 13707:2004+A2:2009
<b>BETA BC 300</b>	EN 13969:2004/A1:2006 + EN 13707:2004+A2:2009
<b>BETA BP 300</b>	EN 13969:2004/A1:2006 + EN 13707:2004+A2:2009
<b>BETA BP 400</b>	EN 13969:2004/A1:2006 + EN 13707:2004+A2:2009
<b>BETA BC AL 300</b>	EN 13707:2004+A2:2009
<b>BETA BP AL 300</b>	EN 13707:2004+A2:2009
<b>GAMA GC 300</b>	EN 13969:2004/A1:2006 + EN 13707:2004+A2:2009
<b>GAMA GP 300</b>	EN 13969:2004/A1:2006 + EN 13707:2004+A2:2009
<b>ALFA AC 40 MNR</b>	EN 13707:2004+A2:2009
<b>ALFA AP 40 MNR</b>	EN 13707:2004+A2:2009
<b>BITÜKAL P3</b>	EN 13969:2004/A1:2006 + EN 13707:2004+A2:2009
<b>BITÜKAL C3</b>	EN 13969:2004/A1:2006 + EN 13707:2004+A2:2009
<b>BITÜKAL C2</b>	EN 13969:2004/A1:2006 + EN 13707:2004+A2:2009
<b>Botanik-10</b>	EN 13969:2004/A1:2006 + EN 13707:2004+A2:2009
<b>Viyadük -10</b>	EN 13969:2004/A1:2006
<b>BITÜKAL C 40 MNR</b>	EN 13707:2004+A2:2009
<b>BITÜKAL P 40 MNR</b>	EN 13707:2004+A2:2009
<b>GAMA GP 40 MNR</b>	EN 13707:2004+A2:2009
<b>BETA BP 40 MNR</b>	EN 13707:2004+A2:2009

B) Plastic based products – dimpled sheets

They are a diagonal blistered protection plates produced from high density polyethylene which protects applied water insulation against damages during filling.

4x4 DRAIN is placed with its blistered face looking to wall to provide a safe separation of foundation wall from moisture soil. Plate works as a shield during filling to protect against mechanical affects.

Table 2: List of products

Product name	Harmonised standard
4x4 DRAIN 400,	EN 13967:2012
4x4 DRAIN 500,	EN 13967:2012
4x4 DRAIN 600	EN 13967:2012