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

ZÚS

Akreditované zkušební laboratoře, Autorizovaná osoba, Notifikovaná osoba, Oznámený subjekt, Subjekt pro technické

posuzování, Certifikační orgány, Inspekční orgán / Accredited Testing Laboratories, Authorized Body, Notified Body, Technical Assessment Body, Certification Bodies, Inspection Body • Prosecká 811/76a, Prosek, 190 00 Praha 9, Czech Republic

Notified Body 1020 Branch Office 0900 – Technicko inženýrské služby

SURVEILLANCE REPORT

In compliance with Regulation (EU) 305/2011 of the European Parliament and of the Council (the Construction Products Regulation or CPR), Annex V, replaced by the Commission Delegated Regulation (EU) No 568/2014, system 2+

No. 090-057575

Trade name:

Star Plastic Steel Nail Anchor SP Star Euro Plastic Nail Pegs

The nailed-in plate anchors for fixing of external thermal insulation composite systems with rendering in concrete and masonry according to ETAG 014 (EAD); Use category: A.

Manufacturer:

STAR PLASTIC YAPI ELEMANLARI İZOLASYON MALZEMELERİ SAN. Ve TİC. A. S.

	110. A. Ç.
	Address: ORTAKÖY MERKEZ MAH.DUMLUPINAR CADDE NO:44 SILIVRI / ISTANBUL /TÜRKIYE
Plant:	STAR PLASTİC YAPI ELEMANLARI İZOLASYON MALZEMELERİ SAN. Ve TİC. A. Ş.
Address:	ORTAKÖY MERKEZ MAH. DUMLUPINAR CADDE NO:44 SİLİVRİ / İSTANBUL /TÜRKİYE
Order:	Z090070493, Z090130430

Number of Annexes: 1

Certificate Number: 1020-CPR-090-032673, 1020-CPR-090-034858

Number of pages including cover page: 3 Responsible person for content of this Report:

ALL.

Bc. Kateřina Horká Chief Assessor

Martin Pešek Deputy Manager of the Notified Body

Responsible person for correctness of this Report:

Stamp of the Notified Body 1020

Prague, 13th January 2023



Warning: Without permit of Deputy Manager of the Notified Body this report mustn't be duplicated other way than as a complex.

Technical and Test Institute for Construction Prague, Branch 0900-TIS, Prosecká 811/76a, 190 00 Praha 9, Česká republika Tel.: +420286019400, e-mail: blajdova@tzus.cz, www.tzus.cz Bank Name: KB Praha 1 Czech Republic, Account Number: 1501-931/0100, INo: 000 15679, VAT: CZ00015679

1 General

1.1 Information about the manufacturer

Manufacturer:STAR PLASTIC YAPI ELEMANLARI İZOLASYON MALZEMELERİ SAN. Ve TİC. A. Ş.Address:ORTAKÖY MERKEZ MAH.DUMLUPINAR CADDE NO:44 SİLİVRİ / İSTANBUL /TÜRKİYE

1.2 Information about the product

The STAR PLASTIC anchors SP Steel Nail Anchor consists of plastic sleeve with a plate and an accompanying specific expansion pin. The anchor sleeve is made of polyethylene and the expansion pin is made of galvanized steel.

The anchors SP Star Euro Plastic Nail Pegs consist of a plastic sleeve with a plate and an accompanying specific expansion screw for fixing for thermal insulation system (ETICS).

The plastic sleeve of anchor SP Star Euro Plastic Nail Pegs is made of polyethylene and an accompanying expansion pin is made of polyethylene.

The anchor is installed in drilled hole by hammering in the expansion nail.

The anchor is to be used only as multiple fixing for the anchorage of bonded thermal insulation composite systems (ETICS) according to ETAG 004 in concrete and masonry.

1.3 Technical specifications relating to the product (as amended)

• ETAG 014, February 2011 (used as EAD) – Plastic anchors for fixing of external thermal insulation composite systems with rendering

1.4 List of other documentation used during the surveillance

- The documentation submitted by the manufacturer, which describes function of the Factory Production Control.
- The technical documentation of the anchors
- Tests and control reports
- Calibration certificates
- European Technical Assessment ETA 14/0197 issued on 8.7.2014
- European Technical Assessment ETA 08/0340 issued on 6.11.2015

1.5 Information about previous surveillance

The previous surveillance was carried out on Bc. Kateřina Horká. by the Notified Body 1020 with positive result

2 Course of the surveillance

2.1 Date of performance: 22.11.2022

2.2 Surveillance was performed by:

head assessor: Bc. Kateřina Horká



2.3 Method and range of surveillance

The continuous surveillance containing assessment and evaluation of factory production control in scope specified in the technical specification was carried out. The effectiveness of the FPC was assessed with regard to its ability to ensure the declared performances of the product.

2.4 Results of the surveillance of factory production control

Results of surveillance are given in record of FPC audit, which was handed over to the manufacturer.

3 Evaluation of surveillance results

3.1 Evaluation of the surveillance of factory production control

- Technical documentation of the manufacturer mentioned in cl. 1.4 contains description of the FPC in the production places mentioned in cl. 1.1.
- Results of the assessment are listed in the checklist which was forwarded to the manufacturer; the scanned original is deposited at the Notified Body 1020.
- No non-conformities were not found out.
- The FPC corresponds to the technical documentation and allows to achieve and maintain required product characteristics.

3.2 Evaluation of the observance of conditions of the certificate validity

• There were no changes in circumstances under which the certificate was issued

4 Conclusion

- 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 product is actually achieved
- Findings and conclusions referred to this report are valid providing that none of facts, the FPC assessment was performed within, won't be changed.

5 Annexes

1. Surveillance of factory production control audit





[®] TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.

Technical and Test Institute for Construction Prague, SOE Akreditovaná zkušební laboratoř, Autorizovaná osoba, Notifikovaná osoba, Oznámený subjekt. Subjekt pro technické posuzování, Certifikační orgán, Inspekční orgán / Accredited Testing Laboratory, Authorised Body, Notified Body, Technical Assessment Body, Certification Body, Inspection Body. Prosecká 811/76a, 190 00 Praha 9, Česká republika

HECKLIST of factory production control

initial inspection Surveillance

in accordance with document IAF MD 4:2018 IAF Mandatory Document for the Use of Information and Communication Technologies (ICT) for Auditing/Assessment Purposes, issue 2

Product:	SP Star Euro Plastic Nail Pegs	Order No.:	Z090070493, Z090130430		
	Star Plastic Steel Nail Anchor				
Manufacturer:	STAR PLASTIC YAPI ELEMANLARI IZOLASYON MALZEMELERI SAN. Ve TIC. A. Ş.	Date of FPC	22.11.2022		
Plant:	STAR PLASTİC YAPI ELEMANLARI İZOLASYON MALZEMELERİ SAN. Ve TİC. A. Ş. ORTAKÖY MERKEZ MAH. DUMLUPINAR CADDE NO:44 SİLİVRİ / İSTANBUL / TURKEY	Chief assessor (CH.A.):	Bc. Kateřina Horká Mr. Fatih Demiral		
Technical specification:	ETAG 014 used as European Assessment Document (EAD)				

Audit purpose:	to assess conformity of FPC with audit criteria; to assess of the ability of the FPC to ensure that the products meet the relevant requirements									
Audit scope:	plant, laboratory, storehouse									
Audit criteria: requirements of CPR, technical specification, FPC documentation										
Audit process:	Time schedule	NB	Activity	Place of audit	Audit participants					
	8:00 - 8:15	CH. A.	Opening of meeting	manufacturer's office	representative of manufacturer					
	8:15 - 15:00	CH. A.	Assessment of FPC	plant, laboratory, storehouse	relevant responsible staff					
	15:00 - 15:15	CH. A.	Closing of meeting	manufacturer's office	representative of manufacturer					

Classification of compliance	C – conformity
with requirements:	R – minor non-conformity – remark
	NC –non-conformity

No.	Requirement	С	R	NC	Findings		
1	Product declaration and ITT						
1.1	Is there clearly defined a scope of products which are covered by FPC?				Yes, the products have been clearly declared.		
1.2	Has the initial type testing (ITT) been performed for all products covered by FPC?				Yes		
2	Organization						
а	Does the manufacturer use a quality management system (e.g. according to EN ISO 9001)?				Yes		
b	If YES, is this provable by a valid certificate?				Certificate No.: TIC 15 100 63624 Valid from: 29.03.2021 Valid until: 28.03.2024		
С	Is the FPC manual prepared or is the FPC part of an existing QMS?				Yes, it is quality manual. QM doc. No.: KEK-01		
2.1	1 Responsibilities and competences						

		-	-		
No.	Requirement	С	R	NC	Findings
a	Are the responsibilities of all employees defined in the scope of FPC?				Documents: Checked the organization scheme. There are no changes. Issue date: 04.01.2018 rev: 07
b	Has been a management representative appointed for the FPC?				Yes Name: Mr. Murat Korukçuoğlu
с	Does he have the authority to ensure that FPC is implemented and complied?				Yes, Management Representative – Mr. Murat Korukçuoğlu Checked the official letter, date: 02.05.2018 (General manager) is the responsible at the production line.
Findi	ngs, notes:				
2.2	Management review of FPC			12.34	
а	Does the management review the FPC system at least once a year?				Yes
b	Are review records available?				Yes, Management Review Report Date: 26.01.2022
3	Management procedures				
3.1	Document and data management	1.4			
а	Is there a procedure relating to document and data management relevant to FPC requirements?				Yes. <u>Checked documents:</u> Documents control procedure doc.No.: KYS.P.01
b	Are in the procedures described responsibilities for approving, issuing, distribution, management of internal and external documents and data, and for processing, issuing and recording changes?				Yes
с	Are the valid documents required for the management (including any necessary instructions) at the appropriate places?				Yes, has been checked during the plant control.
	Are external documents (standards, legal regulations, etc.) required for product implementation identified?				Yes. <u>Checked documents:</u> Outsourced Document List doc. No.:KYS L 03
3.2	Contract suppliers and incoming products/mater	ials			
а	Has the manufacturer prepared and approved an overview of subcontractors that affect product quality?				Yes. <u>Checked documents:</u> Material approval suppliers list doc. No.:KYS.L08
b	Has the manufacturer set out complete requirements for securing the relevant subcontracts?	\boxtimes			Yes. <u>Checked documents:</u> KYS.F.38 / Input control form
C I	Has the manufacturer established a control system for all subcontracting activities?				Yes. <u>Checked documents:</u> KYS.F.38 / Input control form
d	Has the manufacturer set out requirements for incoming materials/products? Does the manufacturer require certificates / declaration of conformity / declaration of performance etc. of input materials/products?				Yes. <u>Checked documents:</u> <u>Material certificates</u> High Density Polyethylene (HDPE)

Technical and Test Institute for Construction Prague, SOE Notified Body 1020

documented?

Checklist of FPC

No.	Requirement	С	R	NC	Findings
110.	rioquirement			110	Yes.
е	Does the manufacturer inspect input materials/products in accordance with checking and testing plan?				Checked documents: Incoming materials control document KYS.F.38 / Input control form Date: 20.10.2021
f	Is there a procedure for non-conformin input materials/products?				Yes. Checked documents: KYS.P.05
g	Does the manufacturer store the input materials/products so that they are not degraded?				Yes
3.3	Hazardous substances				
а	Has the manufacturer identified hazards and requirements for hazardous substances in the assessed product?				Not assessed.
b	Does the manufacturer detect the presence of hazardous substances?				Not assessed.
с	Is it ensured that hazardous substances do not exceed the applicable limits at the place of use?				Not assessed.
4	Production management				
а	Is there technological or production documentation?				Yes. <u>Checked documents:</u> Quality Control Process Plan Doc. No: KYS.SP.08
b	Are current instructions available at the relevant worplaces?				Yes, has been checked during the plant control.
с	Are these instruction and documentation applied and complied with?				Yes, <u>Checked documents;</u> QM doc. No.: KEK-01
d	Are there any procedures for identifying and inspecting of input materials?				Yes, has been checked during the plant control.
е	Are there any procedures for identifying and inspecting of materials during production process?				Yes, has been checked during the plant control.
	Are there any procedures for identifying and inspecting of final products?	\boxtimes			Yes, has been checked during the plant control.
g	Have the procedures been implemented?				Yes
h	Does the manufacturer directly control the relevant facility for the production of the products to be included in the FPC?				Yes
	Is the maintenance of this facility and measuring equipment performed properly, regularly and is it				Checked the annual maintenance plan for 2022. KYS.F.25 Also checked Injection machine maintenance records.

Annual Maintenance plan & Maintenance Instructions (daily, monthly, annual) checked

No.	Requirement	С	R	NC	Findings
J	Are employees involved in production sufficiently qualified and trained to operate and maintain the production equipment?				Yes
k	Are all production processes and procedures recorded at regular intervals or continuously (automatically)?				Yes, see 4.d.
1	Are non-conformities in production (failures, deviations of factory settings, results of inter- operational control, etc.) identified and resolved? Are relevant records kept, including the results of the solution?				Yes. <u>Checked documents:</u> Corrective and Preventive Action Form- KYS.F.66 There is no detected NC product and client
m	Is the final product handed over to the storehouse properly identified?	⊠			complaint. Yes, has been checked during the plant control.
k	Is the product identifiable up to the sale's point (origin and type)?				Yes. <u>Checked documents:</u> CE-Check the label.
Findi.	ngs, notes: Controls and testing				
5.1	General				
5.1				T	Yes
а	Is a checking and testing plan processed?				
b	Is this plan followed?				Yes, it is. Has been checked production date: 27.10.2022 for steel nails and all related documents.
с	Are all the necessary facilities and equipment for the prescribed inspections and tests (or appropriate subcontracting) available?				Yes
d	Are workers trained for the prescribed inspections and tests? Are training records available?				Yes, <u>Checked documents:</u> Training Participation Form Date: 16.07.2022
е	Is the manufacturer able to submit qualification of the subcontractors for the performing of tests?	\boxtimes			Yes
5.2	Control, measuring and testing devices	12.20	1		
а	Are calibration frequencies determined?	\boxtimes			Yes, has been checked calibration plan (KYS.L.10) for 2022
b	Are calibration records available?		Ó		Yes, calibration certificate for: Tensile test machine – cert. No.:81215.STA.01, date: 07.11.2022.
с	Is the device unmistakably identified?				Yes, has been checked during the plant control.
	Are there any procedures for operating the devices?				Yes
	Does the operator have written instructions for performing the tests?				Yes

No.	Requirement	С	R	NC	Findings
5.3	Frequency and place of controls, sampling and	testing			
а	Is there a document describing the frequency and principle of controls?				Yes. Checked documents: Process Quality Plan doc.No.: KYS.PL.05
b	Is the frequency of sampling and testing determined in accordance with the relevant standard relating to CE marking?				Yes, see 5.3.a.
с	Are the sampling procedures required by the technical product specification or related standards used?				Yes, see 5.3.a.
d	Are test procedures used in accordance with the applied product technical specification?				Yes, see 5.3.a.
е	Is the frequency of prescribed tests observed?				Yes, see 5.3.a.
f	Are the tests evaluated in the prescribed way?				Yes. <u>Checked documents:</u> Final Quality Control Form doc. No.: KYS.F.50
10000	ngs, notes:				
6	Records	T		T	
а	Has the manufacturer determined procedures to manage FPC documents and records?				Yes. <u>Checked documents:</u> Documents control procedure doc.No.: KYS.P.01 Please, see 5.3.f. Production records doc.No: KYS.P.45 Please, see 5.3.f. Production records are kept in archive for 10 years.
b	Are the records properly kept to be readily available on request?				Yes, see 6.a
с	Are the records available at determined locations and for specified periods?				Yes, see 6.a
7	Management of non-conforming products				
а	Are all cases of non-conforming products recorded (including those related to customer complaints)?				Yes, has been checked related forms for recording complaints, forms for corrective and preventive steps and list of complaints.
b	Are all cases of non-conforming products solved?				Yes, see point 7.a.
с	Are any documented procedures available to ensure that non-conforming products are not inadvertently used or delivered?				Yes, <u>Checked document:</u> non-conforming products Control Procedure KYS.P.05
d	Are non-conforming products separated from conforming if detected during production process?				Yes
е	Are appropriate remedial action taken?				Yes, see point 7.a.
8	Storing, handling and transport				
a	Does the manufacturer have documented procedures for storing and handling important input materials?				Yes. <u>Checked documents:</u> KYS.SP.09- Storage Process Plan

Checklist of FPC

	Requirement	C	R	NC	Findings
b	Does the manufacturer have documented procedures for storing, handling and transport the final product?				Yes, see point 8.a.
с	Are responsibilities for product storage, handling and transport specified in the FPC documentation?				Yes, see point 8.a.
9	Packaging			<u> </u>	1
а	Do the methods used for packaging the product prevent degradation of its properties?				Yes, checked the marks on the production area.
Ь	If there are handling and storage policies that the customer must follow, does the manufacturer state these guidelines on the packaging or in the accompanying documents?				Yes
indii	ags, notes:				
0	Employees training (see also 4 march 5 4 k)				
0	Employees training (see also 4.g and 5.1.b)				
	Employees training (see also 4.g and 5.1.b) Does the manufacturer determinate procedures for the training of employees working under the FPC system?				Yes, has been checked training plan for 202 and training records. Please, see point 5.1.d
a	Does the manufacturer determinate procedures for the training of employees working under the FPC				and training records.
	Does the manufacturer determinate procedures for the training of employees working under the FPC system? Are these procedures observed? Are training records available?				And training records. Please, see point 5.1.d Yes, please see point 10.a Yes, please see point 10.a Checked the vocational qualification
a 0	Does the manufacturer determinate procedures for the training of employees working under the FPC system? Are these procedures observed?				and training records. Please, see point 5.1.d Yes, please see point 10.a Yes, please see point 10.a

At the end of the audit / during the final meeting, the chief assessor / assessor acquainted the responsible representative of the manufacturer with the findings of the audit.

The manufacturer's representative has understood the audit findings, agrees and confirms his agreement with his signature.

	NB 1020		Manufacturer
Date	22.11.2022	Date	22.11.2022
Name	Bc. Kateřina Horká Fatih Demiral	Name	Murat KORUKÇUOĞLU
Signature	DAL.	Signature	THE STREAM STREA

The factory production control system is assessed as satisfactory if no requirement has been classified by the NC and if the occurrence of requirements classified as R is less than 20% of all findings.

C - conformity

R - minor non-conformity, problem must be solved within the specified period

NC - non-conformity, must be solved before a certification decision

If a significant non-conformity (NC) and a minor non-conformity (R) are detected, a non-conformity record must be prepared.