



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

Akreditované zkušební laboratoře, Autorizovaná osoba, Notifikovaná osoba, Oznamovaný 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

**CERTIFICATE OF CONFORMITY  
OF THE FACTORY PRODUCTION CONTROL**

**No. 1020 – CPR – 040 065838**

In compliance with Regulation (EU) No 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

**Products and systems for the protection and repair of concrete structures**

**Part 2: Surface protection systems for concrete - Gebze**  
ingress protection (1.1; 1.3); moisture control (2.1; 2.2); physical Resistance (5.1); increasing resistivity (8.1; 8.2).

**Part 2: Surface protection systems for concrete - Adana**  
ingress protection (1.3); moisture control (2.2); increasing resistivity (8.2).

**Part 3: Structural and nonstructural bonding – Gebze, Adana**  
3.1 Applying mortar by hand; 3.2 Recasting with concrete or mortar; 4.4 Adding mortar or concrete;  
7.2 Replacing contaminated or carbonated concrete.

**Part 4: Structural bonding - Gebze**  
Repair Principle: Bonding mortar or concrete (4.4).

**Part 5: Concrete injection - Gebze**  
Epoxy based (P) repair mortars- Injection products for force transmitting filling of cracks (F).

**Part 6: Anchoring of reinforcing steel bars - Gebze**  
Epoxy based (P) mortars for anchoring of reinforcing steel bars;  
Cement based (HC) mortars for anchoring of reinforcing steel bars;  
Structural strengthening installing rebar with anchoring product.

**Part 6: Anchoring of reinforcing steel bars - Adana**  
Cement based (HC) mortars for anchoring of reinforcing steel bars

**Part 7: Preserving or restoring passivity - Gebze**  
Method 7.1 Increasing cover to reinforcement with mortar or concrete  
7.2 Replacing contaminated or carbonated concrete – Adana only

placed on the market under the name or trade mark of

**Master Builders Solutions Yapı Kimyasalları Sanayi ve Ticaret Limited Şirketi**  
Barbaros Mah. Begonya Sok. Nidakule Ataşehir Kuzey C Kapısı No:3E/5 34746 Ataşehir / İstanbul  
INo: 202653-5

and produced in the manufacturing plant

**Master Builders Solutions Yapı Kimyasalları Sanayi ve Ticaret Limited Şirketi**  
Gebze OSB2 Mah., 1000. Cadde, No:1017/1 Çayırova/Kocaeli  
Adana Hacı Sabancı Organize Sanayi Bölgesi Magarsus Caddesi No:10 Sarıçam / Adana 01130

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

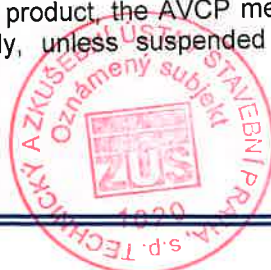
**EN 1504-2:2004; EN 1504-3:2005; EN 1504-4:2004; EN 1504-5:2004; EN 1504-6:2006**

under **system 2+** are applied and that

**the factory production control is assessed to be in conformity with the applicable requirements.**

This certificate was first issued on **10<sup>th</sup> November 2020** will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.

Teplice, 3<sup>rd</sup> December 2021



Ing. Pavel Rubáš, Ph.D.  
Deputy manager of the Notified Body



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**Notified Body 1020**  
**Branch Office 0400 – Teplice**

# 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. 040 – 069586**

Trade name:

**Products and systems for the protection and repair of concrete structures**

**See section 1.2**

Manufacturer:

**Master Builders Solutions Yapı Kimyasalları Sanayi ve Ticaret Limited Şirketi**

INo.: 202653-5

Address: Barbaros Mah. Begonya Sok. Nidakule Ataşehir Kuzey C Kapısı No:3E/5 34746  
Ataşehir / İstanbul

Plant: **Master Builders Solutions Yapı Kimyasalları Sanayi ve Ticaret Limited Şirketi**

Addresses: Gebze OSB2 Mah., 1000. Cadde, No:1017/1 Çayırova/Kocaeli  
Adana Hacı Sabancı Organize Sanayi Bölgesi Magarsus Caddesi  
No:10 Sarıçam / Adana 01130

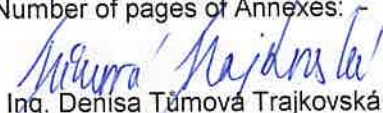
Order: Z040110046

Certificate numbers: **1020-CPR-040 065838**

Number of pages including cover page: 6

Responsible Person for content of this Report:


Number of pages of Annexes:

  
Ing. Denisa Tůmová Trajkovská  
Head Assessor

Responsible Person for correctness of this Report:

Teplice, 3<sup>rd</sup> December 2021



  
Ing. Pavel Rubáš, Ph.D.  
Deputy Manager of the Notified Body

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

## 1 General

### 1.1 Information about the manufacturer

Manufacturer: Master Builders Solutions Yapı Kimyasalları Sanayi ve Ticaret Limited Şirketi

INo.: 202653-5

Address: Barbaros Mah. Begonya Sok. Nidakule Ataşehir Kuzey C Kapısı No:3E/5 34746  
Ataşehir / İstanbul

Plant: Master Builders Solutions Yapı Kimyasalları Sanayi ve Ticaret Limited Şirketi

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Adana Hacı Sabancı Organize Sanayi Bölgesi Magarsus Caddesi  
No:10 Sarıçam / Adana 01130

### 1.2 Information about the product

Product name:

**GEBZE:**

- EN 1504-2:

MasterSeal TC 373	1.3; 2.2; 5.1; 8.2
MasterTop BC 385 DTZ	1.3; 2.2; 5.1; 8.2
MasterTop BC 375 N	1.3; 2.2; 5.1; 8.2
MasterTop TC 485 W	1.3; 2.2; 8.2
MasterTop BC 325 N	1.3; 2.2; 8.2
MasterTop BC 372	1.3; 2.2; 5.1; 8.2
MasterTop BC 372 TIX	1.3; 2.2; 5.1; 8.2
MasterTop 361 N	1.3; 2.2; 5.1; 8.2
MasterTile WP 665	2.2; 8.2
MasterTile WP 666	1.3; 2.2; 8.2
MasterTile WP 667	2.2; 8.2
MasterTile WP 668	1.3; 2.2; 8.2
MasterSeal 582	2.2; 8.2
MasterSeal 589	1.3; 2.2; 8.2
MasterSeal 525	2.2; 8.2
MasterSeal M 810 / MasterSeal M 800	1.3; 2.2; 5.1; 8.2
MasterSeal M 866	1.3; 2.2; 5.1; 8.2
MasterProtect 180	2.2; 5.1; 8.2
MasterProtect 330 EL	2.2; 8.2
MasterProtect H 303	1.1; 2.1; 8.1
Epirex 1600 A Coating	1.3; 2.2; 5.1; 8.2
MasterSeal TC 242	2.2; 5.1; 8.2
MasterSeal TC 257	1.3; 2.2; 8.2
MasterTop TC 468	1.3; 2.2; 8.2



- EN 1504-3:

<b>MasterEmaco S 488 PG</b>	3.1; 3.2; 4.4; 7.2
<b>MasterEmaco S 488</b>	3.1; 3.2; 4.4; 7.2
<b>MasterFlow 928</b>	3.1; 3.2; 4.4; 7.2
<b>MasterEmaco N 900</b>	3.1
<b>MasterEmaco S 488 CI</b>	3.1; 3.2; 4.4; 7.2
<b>MasterFlow 401</b>	3.1; 3.2; 7.2
<b>MasterFlow 402 RS</b>	3.1; 3.2; 7.2
<b>MasterFlow 403</b>	3.1; 4.4; 7.2
<b>MasterEmaco T 1200 PG</b>	3.1; 3.2; 4.4; 7.2
<b>MasterEmaco T 1100 TIX</b>	3.1; 3.2; 4.4; 7.2
<b>MasterSeal 596</b>	3.1
<b>MasterSeal 591</b>	3.1
<b>MasterEmaco N 700</b>	3.1
<b>MasterEmaco N 600</b>	3.1
<b>MasterEmaco N 601</b>	3.1
<b>MasterEmaco N 356 RS</b>	3.1; 3.2
<b>MasterEmaco S 288</b>	3.1; 3.2; 4.4; 7.2
<b>MasterFlow 528</b>	3.1; 3.2; 4.4; 7.2
<b>MasterEmaco N 605</b>	3.1; 3.2
<b>MasterEmaco N 735 BP</b>	3.1; 3.3

- EN 1504-4:

**MasterBrace ADH 1406; MasterBrace ADH 1420; MasterBrace SAT 4500;  
MasterBrace ADH 4000; MasterBrace ADH 1403.**

Repair Principle: Bonding mortar or concrete (4.4).

- EN 1504-5:

Products and systems for the protection and repair of concrete structures, Part 5: Concrete injection

Epoxy based (P) repair mortars- Injection products for force transmitting filling of cracks (F):

**MasterInject 1302.**

- EN 1504-6:

Epoxy based (P) mortars for anchoring of reinforcing steel bars, Cement based (HC) mortars for anchoring of reinforcing steel bars:

**MasterFlow 402; MasterFlow 402 RS; MasterBrace ADH 1406; MasterBrace ADH 1420;  
MasterFlow 928; MasterFlow 828; MasterFlow 960 TIX; MasterFlow 528**

**MasterFlow 648** - Structural strengthening installing rebar with anchoring product.



**ADANA:**

- EN 1504-2:

<b>MasterTile WP 665</b>	2 (C), 8.2 (C)
<b>MasterTile WP 666</b>	2 (C), 8.2 (C); 1.3 (C)
<b>MasterTile WP 667</b>	2 (C), 8.2 (C)

- EN 1504-3:

**MasterEmaco S 488; MasterEmaco S 423; MasterFlow 928; MasterEmaco S 288; MasterFlow 528.**

Description of the product and its intended use:

3.1(Concrete restoration by applying mortar by hand), 3.2(Concrete restoration by recasting with concrete), 4.4(structural strengthening by adding mortar or concrete), 7.2(Replacing contaminated or carbonated concrete).

- EN 1504-6:

**MasterEmaco S 423; MasterFlow 928; MasterFlow 528; MasterFlow 648; MasterFlow 828.**

Description of the product and its intended use:

Cement based (HC) mortars for anchoring of reinforcing steel bars.

**Manufacturer requested to extend the Certificate for products:****Gebze:**

- EN 1504-2:

<b>MasterProtect H 304</b>	1.1; 2.1; 8.1
<b>MasterSeal 275</b>	1.3; 2.2; 8.2
<b>MasterSeal 6100 FX</b>	1.3; 2.2; 8.2

- EN 1504-3:

<b>MasterFlow 402</b>	3.1; 3.2; 7.2
<b>MasterFlow 828</b>	3.1; 3.2; 4.4; 7.2
<b>Wobocrete II</b>	3.1; 7.1

**ADANA:**

- EN 1504-3:

<b>MasterFlow 828</b>	3.1; 3.2; 4.4; 7.2
<b>Wobocrete II</b>	3.1; 7.1



### 1.3 Technical specification relating to the product (as amended)

- EN 1504-2:2004 - Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 2: Surface protection systems for concrete
- EN 1504-3:2005 - Products and systems for the protection and repair of concrete structures - Part 3: Structural and non-structural repair
- EN 1504-4:2004 - Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 4: Structural bonding
- EN 1504-5:2004 - Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 5: Concrete injection
- EN 1504-6:2006 - Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 6: Anchoring of reinforcing steel bar

### 1.4 List of other documentation used during the surveillance

- CHECKLIST FOR FACTORY PRODUCTION CONTROL, 22.10.2021 (Adana), 26.10.2021 (Gebze)
- Reports of initial type testing of new products
- EN 1504-8:2016 Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and AVCP - Part 8: Quality control and Assessment and verification of constancy of performance (AVCP).

### 1.5 Information about previous surveillance

- This is the **first** surveillance according to EN 1504-2:2004; EN 1504-3:2005; EN 1504-4; EN 1504-5; EN 1504-6.

## 2 Course of the surveillance

### 2.1 Date of performance:

- 22<sup>th</sup> October 2021 – 3<sup>rd</sup> December 2021

### 2.2 Surveillance was performed by:

M.Sc. Denisa Tůmová Trajkovská – Head assessor  
Mrs. Gülden METE – external assessor for Turkey

### 2.3 Method and range of surveillance

The continuous surveillance containing assessment and evaluation of factory production control in scope specified in the technical specifications EN 1504-2:2004; EN 1504-3:2005 and EN 1504-8:2016 was carried out. The effectiveness of the FPC was assessed with regard to its ability to ensure the declared performances of the product.

In Turkey, there is still an increased risk of coronavirus infection, so control of the production control system will be carried out remotely until further notice (The Turkish ministry has not yet allowed travel).

Due to the measures implemented in Turkey to prevent the spread of the SARS-CoV-2 disease causing COVID-19 (travel ban), the assessment of the SRC was carried out remotely

Following information and communication technologies (ICT) were used during the audit:

Type of ICT	Range of use
E mail	company documentation

## 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. Non-conformities were not identified during the surveillance.

## 3 Evaluation of surveillance results

### 3.1 Evaluation of the surveillance of factory production control

- The factory production control Master Builders Solutions Yapı Kimyasalları Sanayi ve Ticaret Limited Şirketi (plants GEBZE and ADANA) has been verified according to the checklist.
- No non-conformities were found out.
- The FPC corresponds to the technical documentation and allows to achieve and maintain required product characteristics.
- The surveillance was carried out by using remote assessment, used ICT made it possible to achieve the objective of the audit.

### 3.2 Evaluation of the observance of conditions of the certificate validity

- There was no change of circumstances in which a certificate was issued.

## 4 Conclusion

It was found during supervision that:

- 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



END OF REPORT