

DECLARATION OF PERFORMANCE

N : UK 06.01.02 ANKROCHIM SF800+ THREADED BARS Declaration of performance 2013-10-09

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|-----------------------------------|--|--|--------------|--|------------|---|-----------------|-------------------------|---------|---|----------|--|-----------------------------------|---|
| 1. | Unique identification code of the product type : | Ankrochim SF 800+ | | | | | | | | | | | | |
| 2. | Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 (4): | ETA-13/0953
Batch number: see packaging of the product | | | | | | | | | | | | |
| 3. | Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: | <table border="0" style="width: 100%;"> <tr> <td style="padding-right: 20px;">Generic type</td> <td>Bonded injection type anchor sizes M8, M10, M12, M16, M20, M24, M27, M30 and rebar sizes Ø8mm to Ø32mm</td> </tr> <tr> <td>For use in</td> <td>For use in non-cracked concrete in the range C20/25 as a minimum up to a maximum of C50/60 according to EN 206-1:2000-12.</td> </tr> <tr> <td>Option/Category</td> <td>ETAG001 Part 5 Option 7</td> </tr> <tr> <td> Loading</td> <td>Tension, shear, combined tension and shear.</td> </tr> <tr> <td> Material</td> <td>zinc-plated steel:
 dry internal conditions only
 covered sizes: M8, M10, M12, M16, M20, M24, M27 and M30
 stainless steel (marking A4):
 internal and external use without particular aggressive conditions
 covered sizes: M8, M10, M12, M16, M20, M24, M27 and M30
 highly corrosion resistant steel (marking C):
 internal and external use with particular aggressive conditions
 covered sizes: M8, M10, M12, M16, M20, M24, M27 and M30
 rebar:
 covered sizes: Ø8mm, Ø10mm, Ø12mm, Ø16mm, Ø20mm, Ø25mm and Ø32mm</td> </tr> <tr> <td>Temperature range (if applicable)</td> <td>Service temperature range: -40°C to +80°C.
Maximum short term temperature = +80°C.
Maximum long term temperature = +50°C.</td> </tr> </table> | Generic type | Bonded injection type anchor sizes M8, M10, M12, M16, M20, M24, M27, M30 and rebar sizes Ø8mm to Ø32mm | For use in | For use in non-cracked concrete in the range C20/25 as a minimum up to a maximum of C50/60 according to EN 206-1:2000-12. | Option/Category | ETAG001 Part 5 Option 7 | Loading | Tension, shear, combined tension and shear. | Material | zinc-plated steel:
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Maximum short term temperature = +80°C.
Maximum long term temperature = +50°C. | | | | | | | | | | | | | |
| 4. | Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5): | Plakabeton
Industrielaan 2
B - 1740 Ternat, Belgium | | | | | | | | | | | | |

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): -
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 1
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard: -
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: TZUS Praha on the basis of ETAG001 Part 1 and ETAG001 Part 5
The notified body 1020 performed description of the third party tasks as set out in Annex V
9. Declared performance :

Essential Characteristics	Design Method	Performances	Harmonized Technical Specification
characteristic resistance for tension	TR029	ETA-13/0953, annex 6 & 9	ETAG 001 Part 1, 5
characteristic resistance for shear	TR029	ETA-13/0953, annex 7 & 10	
minimum spacing and minimum edge distance	TR029	ETA-13/0953, annex 5	
displacement for serviceability limit state	TR029	ETA-13/0953, annex 8 & 11	

Where pursuant to Article 37 or 38 in the Specific Technical Documentation has been used, the requirements with which the product complies: --

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.



Signed for and on behalf of the manufacturer by:

Pierre Michiels, R&D Director
Ternat, June 28th 2013