

## Kimisteel INOX-X-BAR

DOP4-0322

DICHIARAZIONE DI PRESTAZIONE – DECLARATION OF PERFORMANCE  
DECLARACIÓN DE PRESTACIONES - DÉCLARATION DES PERFORMANCES - ΔΗΛΩΣΗ ΕΠΙΔΟΣΕΩΝ

N° DOP – XBAR- 080318

- 1 **Codice di identificazione unico del prodotto-tipo:**  
*Unique identification code of the product-type - Código de identificación única del producto tipo - Code d'identification unique du produit type - Μοναδικός κωδικός ταυτοποίησης του τύπου του προϊόντος*
- 2 **Usi previsti:**  
*Intended use/es - Usos previstos - Usage(s) prévu(s) - Προβλεπόμενη(-ες) χρήση(-εις)*
- 3 **Fabbricante:**  
*Manufacturer - Fabricante - Fabricant - Κατασκευαστής*
- 4 **Mandatario:**  
*Authorised representative - Representante autorizado - Mandataire - Εξουσιοδοτημένος αντιπρόσωπος*
- 5 **Sistemi di VVCP:**  
*System/s of AVCP - Sistemas EVCP - Système(s) EVCP - Σύστημα/συστήματα AVCP*
- 6 **Norma armonizzata:**  
*Harmonised standard - Norma armonizada - Norme harmonisée - Εναρμονισμένα πρότυπα:*
- Organismi notificati:**  
*Notified body/ies - Organismos notificados - Organisme(s) notifié(s) - Κοινοποιημένος(-οι) οργανισμός(-οι)*
- 7 **Prestazioni dichiarate:**  
*Declared performance/s - Prestaciones declaradas - Performance(s) déclarée(s) - Δηλωθείσα(-ες) επίδοση(-εις)*

KIMISTEEL INOX-X-BAR, N° DoP –  
XBAR – 080318. EN 845-1

*Connettore per muratura utilizzato per applicazioni strutturali  
Masonry connector used for structural applications  
Conector de mampostería usado para aplicaciones estructurales  
Connecteur de maçonnerie utilisé pour applications structurales  
Σύνδεσμος τοιχοποιίας που χρησιμοποιείται για δομικές εφαρμογές*

Kimia SPA, Via del Rame 73, Perugia 06134 (PG), Italia

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EN 845-1

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| Dimensione mm<br>Dimension mm | Tipo<br>Type                    |
|-------------------------------|---------------------------------|
| Lunghezza / Length            | 25 – 200 cm                     |
| Diametro / Diameter           | 6 mm, 8 mm, 10 mm, 12 mm        |
| Inclinazione / Pitch          | 30 ± 1 mm, 40 ± 1 mm, 50 ± 1 mm |

| Tipo<br>Type         | Rivestimento<br>Coating                                       |
|----------------------|---|
| Kimisteel INOX-X-BAR | Acciaio inossidabile austenitico / Austenitic Stainless Steel |

| Caratteristiche / Characteristics                   |  |
|---|--|
| Uso / Intended use                                  | Applicazione strutturale / Structural Application  |
| Materiale / Material                                | Acciaio inossidabile austenitico – Designazione 1,4567<br>Austenitic Stainless Steel – Designation 1,4567  |
| Carico di rottura a trazione / Failure tensile load | Diametro / Diameter 6 mm – 8600 N, Diametro / Diameter 8 mm – 11000 N,<br>Diametro / Diameter 10 mm – 15100 N, Diametro / Diameter 12 mm – 24250 N |

| Dimensione profilo<br>Profile Size mm                                | Area mm <sup>2</sup>  | Tensione di snervamento<br>Yield Point N/mm <sup>2</sup> | Modulo elastico<br>E – Modul G Pa |
|--|---|--|-----------------------------------|
| 6  | 7,4   | 957  | 107                               |
| 8  | 10  | 1013   | 114                               |
| 10   | 13  | 955  | > 150                             |
| 12   | 27,5  | 718  | > 140                             |
| Risultati test / (Carico a trazione)<br>Test Results (Tensile Loads) | Solid Clay Brick $\geq 10 \text{ N/mm}^2 \geq 400 \text{ Kg/m}^3$ to EN 771-1<br>6 mm 1000 N, 8 mm 1250 N, 10 mm 1500 N, 12 mm 1500 N.<br>Mortar $\geq 27 \text{ N/mm}^2$ to EN 998-2<br>6 mm 1000 N, 8 mm 1250 N, 10mm 1500 N, 12 mm 1500 N. |  |                                   |
| Carico di compressione / Compressive Load                            | Calcolato secondo / Calculated according to EN 1996   |  |                                   |
| Forza del legame / Bond strenght                                     | Descritto su / Described in report LOCK-1118-A-08   |  |                                   |
| Resistenza all'acqua / Water penetration resistance                  | Resistente / Resistant  |  |                                   |
| Sostanze pericolose / Dangerous substances                           | No  |  |                                   |

La prestazione del prodotto sopra identificato è conforme all'insieme delle prestazioni dichiarate. La presente dichiarazione di responsabilità viene emessa, in conformità al regolamento (UE) n. 305/2011, sotto la sola responsabilità del fabbricante sopra identificato.

*The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.*

*Las prestaciones del producto identificado anteriormente son conformes con el conjunto de prestaciones declaradas. La presente declaración de prestaciones se emite, de conformidad con el Reglamento (UE) no 305/2011, bajo la sola responsabilidad del fabricante arriba identificado.*

*Les performances du produit identifié ci-dessus sont conformes aux performances déclarées. Conformément au règlement (UE) no 305/2011, la présente déclaration des performances est établie sous la seule responsabilité du fabricant mentionné ci-dessus.*

*Η επίδοση του προϊόντος που ταυτοποιείται ανωτέρω είναι σύμφωνη με τη ( τις ) δηλωθείσα(-ες) επίδοση(-εις). Η δήλωση αυτή των επιδόσεων συντάσσεται, σύμφωνα με τον κανονισμό (ΕΕ) αριθ. 305/2011, με αποκλειστική ευθύνη του κατασκευαστή που ταυτοποιείται ανωτέρω.*

Perugia, 08/03/18

Firmato a nome e per conto del fabbricante da

*Signed for and on behalf of the manufacturer by*

*Firmado por y en nombre del fabricante por*

*Signé pour le fabricant et en son nom par*

Υπογραφή για λογαριασμό και εξ ονόματος του κατασκευαστή από

**KIMIA S.p.A.**

Via del Rame, 73

06134 PONTE FELCINO (Perugia)

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cod. fisc. e p. IVA 01643760547

## Kimisteel INOX-X-BAR

CEL4-0322



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**KIMISTEEL INOX X-BAR**  
**DoP – XBAR- 080318**

| <b>EN 845-1</b><br>Masonry connector used for structural applications |  |
|---|--|
| Tensile Loads   | Solid Clay Brick $\geq 10 \text{ N/mm}^2 \geq 400 \text{ Kg/m}^3$ to EN 771-1<br>6 mm 1000 N,<br>8 mm 1250 N,<br>10 mm 1500 N,<br>12 mm 1500 N.<br>Mortar $\geq 27 \text{ N/mm}^2$ to EN 998-2<br>6 mm 1000 N,<br>8 mm 1250 N,<br>10 mm 1500 N,<br>12 mm 1500 N. |
| Compressive Loads   | Calculated according to EN 1996  |
| Bond strenght   | Described in report LOCK-1118-A-08   |
| Water penetration resistance  | Resistant  |
| Dangerous substances  | No   |

### Note:

KIMIA provides the current annex along with the DoP to make the CE marking consultation easier for international clients. The enclosed CE marking can be slightly different compared to the one printed on the packaging or accompanying documents because of:

- graphic adjustments due to lack of space on the packaging or printing methods used,
- different language (the same packaging can be used in many countries),
- product already in stock when the updating of the CE marking is implemented,
- printing mistakes.