

# BETONFIX CR

DOP2-0221

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

N° DOP – CR– 300610

1	Codice di identificazione unico del prodotto-tipo: <i>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</i>	BETONFIX CR, N° DoP – CR -300610. EN 1504-3 R4
2	Usi previsti: <i>Intended use/es - Usos previstos - Usage(s) prévu(s) - Προβλεπόμενη(-ες) χρήση(-εις)</i>	Consolidamento e ripristino di opere in c.a Consolidation and repairing of concrete structures Consolidación y reparación de obras en hormigón Consolidation et réparation des structures en béton Εδραίωση και επισκευή δομών από σκυρόδεμα
3	Fabbricante: <i>Manufacturer - Fabricante - Fabricant - Κατασκευαστής</i>	Kimia SPA, Via del Rame 73, Perugia 06134 (PG), Italia
4	Mandatario: <i>Authorised representative - Representante autorizado - Mandataire - Εξουσιοδοτημένος αντιπρόσωπος</i>	-
5	Sistemi di VVCP: <i>System/s of AVCP - Sistemas EVCP - Système(s) EVCP - Σύστημα/συστήματα AVCP</i>	2+ ( 4 per la reazione al fuoco / for fire reaction / para la reacción al fuego / pour la réaction au feu / για αντίδραση πυρκαγιάς)
6	Norma armonizzata: <i>Harmonised standard - Norma armonizada - Norme harmonisée - Εναρμονισμένα πρότυπα:</i>	EN 1504-3
	Organismi notificati: <i>Notified body/ies - Organismos notificados - Organisme(s) notifié(s) - Κοινοποιημένος(-οι) οργανισμός(-οι)</i>	Certiquality NB 0546 – certification CPD-16627
7	Prestazioni dichiarate: <i>Declared performance/s - Prestaciones declaradas - Performance(s) déclarée(s) - Δηλωθείσα(-ες) επίδοση(-εις)</i>	

Caratteristica / Characteristics	Prestazione / Performance	Specifica tecnica armonizzata / Harmonized technical specification
Resistenza a compressione a 28 gg EN 12190 [MPa] Compressive strength in 28 days EN 12190 [MPa]	Classe R4	EN 1504-3
Modulo elastico secante a compressione EN 13412 [GPa] Secant elastic modulus on compression EN 13412 [GPa]	≥ 20	
Contenuto di cloruri EN 1015-17 [%] Chlorides content EN 1015-17 [%]	≤ 0,05	
Adesione al CLS EN 1542 [MPa] Concrete adhesion EN 1542 [MPa]	≥ 2	
Compatibilità termica misurata come adesione (EN 1542) dopo 30 cicli termici a secco EN 13687-4 [MPa]	≥ 2	

Thermal compatibility measured as adhesion (EN 1542) after 30 dry thermal cycles EN 13687-4 [MPa]	
Compatibilità termica misurata come adesione (EN 1542) dopo 30 cicli temporaleschi EN 13687-2 [MPa] Thermal compatibility measured as adhesion (EN 1542) after 30 thundershower cycles EN 13687-2 [MPa]	≥ 2
Compatibilità termica misurata come adesione (EN 1542) dopo 50 cicli di gelo-disgelo con sali disgelanti EN 13687-1 [MPa] Thermal compatibility measured as adhesion (EN 1542) after 50 freezethaw cycles with de-icing salts EN 13687-1 [MPa]	≥ 2
Resistenza alla carbonatazione accelerata EN 13295 Resistance to accelerated carbonation EN 13295	Profondità di carbonatazione / Depth of carbonation, dk < calcestruzzo di riferimento tipo MC / reference concrete type MC 0,45 a/c OK
Impermeabilità all'acqua [Kg/m <sup>2</sup> ·h <sup>1/2</sup> ] (coefficiente di assorbimento capillare UNI EN 13057) Waterproofing (capillary absorption coefficient EN 13057)	≤ 0,5
Reazione al fuoco / Reaction to fire EN 13501-1	A1*
Sostanze pericolose / Dangerous substances	Vedi SDS / Check SDSue

\* La malta è costituita da leganti inorganici e con contenuto di sostanze organiche non superiore all'1%. Pertanto, considerando le decisioni della Comunità Europea 94/611/EC, 96/603/EC 96/ e 2003/424/EC, in base alle quali si attribuisce la classe A1 a malte con leganti inorganici purché il contenuto in sostanze organiche sia inferiore o uguale all'1%, il prodotto è classificabile, per quanto riguarda la classe di reazione al fuoco, in classe A1.

\* The mortar is made out of inorganic binders and contains organic substances not exceeding 1%. Taking into consideration the decisions of the European Community 94/611/EC, 96/603/EC 96/ and 2003/424/EC, on the basis of which class A1 is attributed to mortars with inorganic binders as long as the content in organic substances is lower or equal to 1%, the product is classifiable, as regards the reaction to fire class, in class A1.

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, 08/04/16

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.**  
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# BETONFIX CR

CEL3-0221



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**BETONFIX CR**  
 DoP – CR – 300610

**0546-CPR 16627**

**EN 1504-3**

Concrete repair product for structural repair CC mortar (based on hydraulic cement)

Compressive strenght at 28 dd EN 12190 [MPa]	Class R4
E-modulus in compression EN 13412 [GPa]	≥ 20
Chloride content EN 1015-17 [%]	≤ 0,05
Adhesive bond EN 1542 [MPa]	≥ 2
Thermal compatibility measured as adhesion (EN 1542) after 30 dry thermal cycles EN 13687-4 [MPa]	≥ 2
Thermal compatibility measured as adhesion (EN 1542) after 30 thundershower cycles EN 13687-2 [MPa]	≥ 2
Thermal compatibility measured as adhesion (EN 1542) after 50 freezethaw cycles with de-icing salts EN 13687-1 [MPa]	≥ 2
Carbonatantion resistance EN 13295	OK
Waterproofing (capillary absorption coefficient EN 13057) [Kg/m <sup>2</sup> ·h <sup>1/2</sup> ]	≤ 0,5
Reaction to fire EN 13501-1	A1
Dangerous substances	Comply with 5.4

## 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.