

## Betonfix R52

DOP4-0221

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

N° DOP – R52– 101114

- 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)*

BETONFIX R52, N° DoP – R52-101114. EN 998-1 - EN 1504-3

*Malta per intonaco per scopi generali (GP), per uso interno/esterno  
Mortar for plaster for general purposes (GP) for internal/external use  
Mortero para revoque para interior/exterior  
Mortier pour plâtre pour intérieur/extérieur  
Κονιάματα για γύψο για γενικούς σκοπούς για εσωτερική / εξωτερική χρήση*

*Prodotti per la protezione e la riparazione del calcestruzzo  
Products for concrete protection and restoration  
Productos para la protección y la reparación de hormigón  
Produits pour la protection et la réparation du béton  
Προϊόντα για προστασία και αποκατάσταση του σκυροδέματος*

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

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EN 998-1 - EN 1504-3

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Caratteristica / Characteristics	Prestazione / Performance	Specifica tecnica armonizzata / Harmonized technical specification
Resistenza meccanica a compressione a 28gg Compressive mechanical strength in 28 days EN 1015-11	CS IV	
Assorbimento d'acqua per capillarità Absorption of water for capillarity EN 1015-18	W1	
Coefficiente di permeabilità al vapore acqueo Water vapour permeability coefficient	μ < 35	

EN 1015-19	
Adesione / Adhesion EN 1015-12	> 0,8 N/mm <sup>2</sup> - FP: A/B
Valori di conducibilità termica $\lambda_{10, dry, mat}$ Thermal conductivity $\lambda_{10, dry, mat}$ Values EN 1745	0,54 W/m*K (Valore medio / Average value) (P = 50%)
Reazione al fuoco / Reaction to fire EN 13501-1	F
Durabilità / Durability	NPD
Sostanze pericolose / Dangerous substances	Vedi SDS / Check SDSue

Caratteristica / Characteristics	Prestazione / Performance	Specifica tecnica armonizzata / Harmonized technical specification
Resistenza a compressione a 28 gg / Compressive strength in 28 days EN 12190 [MPa]	Classe R1	EN 1504-3
Contenuto di cloruri / Chlorides content EN 1015-17 [%]	NPD	
Adesione al CLS / Concrete adhesion EN 1542 [MPa]	≥ 0,8	
Compatibilità termica misurata come adesione (EN 1542) dopo 30 cicli termici a secco EN 13687-4 [MPa] / Thermal compatibility measured as adhesion (EN 1542) after 30 dry thermal cycles EN 13687-4 [MPa]	NPD	
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]	NPD	
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]	NPD	
Impermeabilità all'acqua (coefficiente di assorbimento capillare UNI EN 13057) / Waterproofing (capillary absorption coefficient EN 13057) [Kg/m <sup>2</sup> ·h <sup>1/2</sup> ]	≤ 0,5	
Reazione al fuoco / Reaction to fire EN 13501-1	F	
Sostanze pericolose / Dangerous substances	Vedi SDS / Check SDSue	

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, 10/11/14

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 R52

CEL4-0221



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**DoP - BETONFIX R 52**  
**R52 - 101114**

<b>EN 998-1</b>	
Mortar for exterior plaster for general purpose (GP)	
Compressive strenght EN 1015-11 [MPa]	CS IV
Reaction to fire EN 13501-1	F
Thermal conductivity $\lambda_{10, dry, mat}$ values EN 1745	0,54 W/m*K
Adhesion EN 1015-12	> 0,8 N/mm <sup>2</sup> – FB : A/B
Water absorption by capillarity EN 1015-18	W1
Water vapor permeability coefficient ( $\mu$ ) EN 1015-19	≤ 35
Durability	NPD
Dangerous substances	Comply with 5.3.4
<b>EN 1504-3</b>	
Concrete repair product for non-structural repair CC mortar (based on hydraulic cement)	
Compressive strenght at 28 dd EN 12190 [MPa]	Class R1
Chloride content EN 1015-17 [%]	NPD
Adhesive bond EN 1542 [MPa]	≥ 2
Thermal compatibility measured as adhesion (EN 1542) after 30 dry thermal cycles EN 13687-4 [MPa]	NPD
Thermal compatibility measured as adhesion (EN 1542) after 30 thundershower cycles EN 13687-2 [MPa]	NPD
Thermal compatibility measured as adhesion (EN 1542) after 50 freezethaw cycles with de-icing salts EN 13687-1 [MPa]	NPD
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	F
Dangerous substances	Comply with 5.4
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.