

Declaration of Performance pursuant to Annex III of Regulation (EU) No. 305/2011

for the product "**tuffbau tuffix**"

No. 506017394286

1. Unique identification code of the product-type:

EN 1504-3: ZA.1a

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Batch number: see packaging of product

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Concrete repair product for structural and non structural repair

Applying mortar by hand (3.1)

Adding mortar or concrete (4.4)

**Increasing cover to reinforcement with mortar or
Concrete (7.1)**

Replacing contaminated concrete (7.2)

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

**tuffbau Ltd
1 Northwick Road
Canvey Island
SS8 0PU
United Kingdom**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not relevant

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 2+

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Kiwa Polymer Institute, No.1119 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued the following certificate:

**Certificate of conformity of the factory production control
No. 1119-CPD-0822**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not relevant

9. Declared performance

Essential characteristics	Performance Without further aggregate	Performance Mixed with tuffbau aggregate 1:1	Harmonised technical specification
Compressive strength:	Class R4	Class R4	EN 1504:2005
Chloride ion content:	< 0,05%	< 0,05%	EN 1504:2005
Adhesive bond:	≥ 2 MPa	≥ 2 MPa	EN 1504:2005
Carbonation resistance:	pass	pass	EN 1504:2005
Elastic modulus:	≥ 20 GPa	≥ 20 GPa	EN 1504:2005
Thermal compatibility, part1, freeze-thaw:	≥ 2 MPa	≥ 2 MPa	EN 1504:2005
Skid resistance:	Klasse/ Class III	Klasse/ Class III	EN 1504:2005
Capillary absorption:	≤ 0,5 kg * m ⁻² * h ^{-0,5}	≤ 0,5 kg * m ⁻² * h ^{-0,5}	EN 1504:2005
Release of dangerous substances:	Comply with 5.4	Comply with 5.4	EN 1504:2005
Reaction to fire:	A1	A1	EN 1504:2005

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


Not relevant

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:

David Burton, Managing Director
(name and function)

Canvey Island, UK, 01/04/2019
(place and date of issue)



(signature)