

## Declaration of Performance

According Annex III of the Regulation (EU) No 305/2011  
Amended by Commissions delegated Regulation (EU) No 574/2014

No: **MAT-00009**

### For the system build-up: **Matacryl Waterproofing System:**

**Primer :** Matacryl Primer CM, natural quartz sand 0.3 – 0.7 mm

**Main layer:** Matacryl Manual/Machine (LM)

**Topcoat:** Matacryl STC Pigmented, natural quartz sand 2.0 – 3.5 mm

as described in our technical datasheets and application instruction guide.

1. Unique identification code of the product type:

**Matacryl (one coat) Bridge Deck Waterproofing System**

2. Intended use/es:

**Liquid Applied Bridge Deck Waterproofing System  
Surface Protection System for Concrete**

3. Manufacturer:

**Alteco Technik GmbH  
Raiffeisenstrasse 16  
D-27239 Twistringen  
Germany**

4. System/s of AVCP

**System 2+  
System 3 (Reaction to Fire)**

5. A) Harmonised standard

**EAD 030675-00-0107  
EN 1504-2:2004**

B) Notified body

CE **ETA-Danmark A/S (ETA-22/0805)**  
**KIWA Polymer Institute (1119-CPR-1190)**

UKCA **ETA-Danmark A/S (ETA-22/0805)**  
**KIWA Ltd. (UKAS 0217/6695)**

6. Declared performance/s for **Matacryl (one coat)**  
**Bridge Deck Waterproofing System**

Essential characteristics	Performance	Harmonized technical specification
Bond Strength, to support	3,04 MPa	<b>EAD 030675-00-0107</b>
Capacity to bridge cracks	Watertight	
Resistance to perforation	Pass (I4)	
Resistance to heat aging, tensile stress	8,8 MPa	
Resistance to heat aging, elongation	269 %	
Resistance to heat aging, bond strength	4,21 MPa	
Bond strength to overlay, mastic asphalt (MA), 220 °C	1,27 MPa	
Bond strength to overlay, asphalt concrete (CBM), 160 °C	1,23 MPa	
Abrasion Resistance (Taber test)	< 3000 mg	<b>EN 1504-2:2004</b>
Permeability to CO <sub>2</sub>	s <sub>D</sub> > 50 m	
Permeability to water vapour	Class II	
Capillary absorption and permeability to water	w < 0,1 (kg/(m <sup>2</sup> x h <sup>0,5</sup> ))	
Resistance to severe chemical attack	Class I	
Slip resistance	Class III	
Impact resistance	Class II	
Adhesion strength by pull-off test	≥ 2 N/mm <sup>2</sup>	
Adhesion test after thermal compatibility testing	≥ 2 N/mm <sup>2</sup>	
Reaction to Fire	E <sub>fl</sub> – s1	

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.

Signed on behalf of the manufacturer by:

Dr. Matthias Conradi

At Twisting, Germany on 21.08.2024

  

---

(authorised signature)

## CE-marking

<b>CE</b>	
<b>Alteco Technik GmbH</b> Raiffeisenstr. 16 D-27239 Twistringen, Germany	
<b>Matacryl (one coat) Bridge Deck Waterproofing System</b>	
<b>24</b>	
<b>EAD 030675-00-0107:2020</b> <b>EN 1504-2:2004</b>	
<b>DoP no MAT-00009</b>	
Liquid Applied Bridge Deck Waterproofing System Surface Protection System for Concrete	
Bond Strength, to support	3,04 MPa
Capacity to bridge cracks	Watertight
Resistance to perforation	Pass (I4)
Resistance to heat aging, tensile stress	8,8 MPa
Resistance to heat aging, elongation	269 %
Resistance to heat aging, bond strength	4,21 MPa
Bond strength to overlay, mastic asphalt (MA), 220 °C	1,27 MPa
Bond strength to overlay, asphalt concrete (CBM), 160 °C	1,23 MPa
Abrasion Resistance (Taber test)	< 3000 mg
Permeability to CO <sub>2</sub>	s <sub>D</sub> > 50 m
Permeability to water vapour	Class II
Capillary absorption and permeability to water	w < 0,1 (kg/(m <sup>2</sup> x h <sup>0.5</sup> ))
Resistance to severe chemical attack	Class I
Slip resistance	Class III
Impact resistance	Class II
Adhesion strength by pull-off test	≥ 2 N/mm <sup>2</sup>
Adhesion test after thermal compatibility testing	≥ 2 N/mm <sup>2</sup>
Reaction to Fire	E <sub>fl</sub> – s1

## UKCA-marking

<b>UK CA</b>	
<b>Alteco Technik GmbH</b> Raiffeisenstr. 16 D-27239 Twistringen, Germany	
<b>Matacryl (one coat) Bridge Deck Waterproofing System</b>	
<b>24</b>	
<b>EAD 030675-00-0107:2020</b> <b>EN 1504-2:2004</b>	
<b>DoP no MAT-00009</b>	
Liquid Applied Bridge Deck Waterproofing System Surface Protection System for Concrete	
Bond Strength, to support	3,04 MPa
Capacity to bridge cracks	Watertight
Resistance to perforation	Pass (I4)
Resistance to heat aging, tensile stress	8,8 MPa
Resistance to heat aging, elongation	269 %
Resistance to heat aging, bond strength	4,21 MPa
Bond strength to overlay, mastic asphalt (MA), 220 °C	1,27 MPa
Bond strength to overlay, asphalt concrete (CBM), 160 °C	1,23 MPa
Abrasion Resistance (Taber test)	< 3000 mg
Permeability to CO <sub>2</sub>	s <sub>D</sub> > 50 m
Permeability to water vapour	Class II
Capillary absorption and permeability to water	w < 0,1 (kg/(m <sup>2</sup> x h <sup>0,5</sup> ))
Resistance to severe chemical attack	Class I
Slip resistance	Class III
Impact resistance	Class II
Adhesion strength by pull-off test	≥ 2 N/mm <sup>2</sup>
Adhesion test after thermal compatibility testing	≥ 2 N/mm <sup>2</sup>
Reaction to Fire	E <sub>fl</sub> – s1