

---

# Sikadur<sup>®</sup>-31 CF Normal

---

## DECLARATION OF PERFORMANCE

### No. 48078203

---

|    |  |  |
|----|--|--|
| 1  | <b>UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:</b> | 48078203   |
| 2  | <b>INTENDED USE/S</b>                                  | EN 1504-4:2004<br>Structural bonding products for bonded mortar or concrete for use in buildings and civil engineering works |
| 3  | <b>MANUFACTURER:</b>                                   | Sika Services AG<br>Tüffenwies 16-22<br>8064 Zürich  |
| 4  | <b>AUTHORISED REPRESENTATIVE:</b>                      |  |
| 5  | <b>SYSTEM/S OF AVCP:</b>                               | System 2+ for type testing<br>System 3 for reaction to fire  |
| 6a | <b>HARMONISED STANDARD:</b>                            | EN 1504-4:2004   |
|    | Notified body/ies:                                     | 0921, 0767   |

**7 DECLARED PERFORMANCE/S**

| Essential Characteristics                 | Performance                    | AVCP      | Harmonised Technical Specification |
|---|--------------------------------|-----------|------------------------------------|
| Bond/adhesion strength (concrete failure) | Pass                           | System 2+ | EN 1504-4:2004                     |
| Shear adhesion                            | ≥ 6 N/mm <sup>2</sup>          | System 2+ |                                    |
| Compressive strength                      | ≥ 30 N/mm <sup>2</sup>         | System 2+ |                                    |
| Shrinkage/expansion                       | ≤ 0.1 %                        | System 2+ |                                    |
| Workability                               | 60 min at 20 °C                | System 2+ |                                    |
| Sensitivity to water                      | Pass                           | System 2+ |                                    |
| Modulus of elasticity                     | ≥ 2000 N/mm <sup>2</sup>       | System 2+ |                                    |
| Coefficient of thermal expansion          | ≤ 100 × 10 <sup>-6</sup> per K | System 2+ |                                    |
| Glass transition temperature              | ≥ 40 °C                        | System 2+ |                                    |
| Reaction to fire                          | Class E                        | System 3  |                                    |
| Durability                                | Pass                           | System 2+ |                                    |
| Dangerous substances                      | NPD                            |           |                                    |

**8 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR - SPECIFIC TECHNICAL DOCUMENTATION**

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 for and on behalf of the manufacturer by:

Name : Tomasz Gutowski  
 Function: Corporate Standardization and Approvals  
 At Warsaw on 27 April 2018

Name : Tatiana Ageyeva  
 Function: Standardization and Approvals  
 At Warsaw on 27 April 2018




End of information as required by Regulation (EU) No 305/2011

**RELATED DECLARATION OF PERFORMANCE**

| Product Name          | Harmonised technical specification | DoP Number             |
|-----------------------|------------------------------------|------------------------|
| Sikadur®-31 CF Normal | EN 1504-4:2004                     | 0204020300100000391001 |





08

Sika Services AG, Zurich, Switzerland

DoP No. 48078203

EN 1504-4:2004

Notified Body 0921, 0767

Structural bonding products for bonded mortar or concrete for use in buildings and civil engineering works

|   |                                 |
|---|---------------------------------|
| Bond/adhesion strength (concrete failure) | Pass                            |
| Shear adhesion                            | $\geq 6 \text{ N/mm}^2$         |
| Compressive strength                      | $\geq 30 \text{ N/mm}^2$        |
| Shrinkage/expansion                       | $\leq 0.1 \%$                   |
| Workability                               | 60 min at 20 °C                 |
| Sensitivity to water                      | Pass                            |
| Modulus of elasticity                     | $\geq 2000 \text{ N/mm}^2$      |
| Coefficient of thermal expansion          | $\leq 100 \times 10^{-6}$ per K |
| Glass transition temperature              | $\geq 40 \text{ °C}$            |
| Reaction to fire                          | Class E                         |
| Durability                                | Pass                            |

<http://dop.sika.com>

## ECOLOGY, HEALTH AND SAFETY INFORMATION (REACH)

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

## LEGAL NOTE

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sikas recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the products suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

**Declaration of Performance**  
Sikadur®-31 CF Normal  
48078203  
2018.04 , ver. 2  
1001

Template for translation. Only for  
internal use

**Sika Services AG**  
Tüffenwies 16-22  
8064 Zürich  
Switzerland  
[www.sika.com](http://www.sika.com)

**Declaration of Performance**  
Sikadur®-31 CF Normal  
48078203  
2018.04 , ver. 2  
1001

**4/4**

Template for translation. Only for  
internal use

**BUILDING TRUST**

