

# SUSTAINABILITY DATA SHEET

## Sika® Unitherm® Platinum-120

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Solvent-free fire protection coating based on epoxy resin with 100 % solid volume  
for steel components of indoor and outdoor areas

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### TESTINGS/PERMISSIONS

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- ChemVOCFarbV (directive 2004/42/EG): *maximum allowable VOC content: 500 g/l*  
*actual VOC content: < 1,5 g/l*
- ETA approved, ETA 20/1162
- CE certified and CF 5396
- Certified according to BS 476 part 20-22 and EN 13381-8:2013
- Excellent anticorrosion properties based on ISO 12944-5, C5-M and C5-I in system buildings, C5very high 12944
- German AgBB, Z-200.4-93  
(fulfils requirements even as coating system including primer and topcoat)
- French VOC, A+ (fulfils requirements even as coating system including primer and topcoat)
- Scandinavian M1, fulfils requirements even as coating system including primer and topcoat
- Singapore Green Label- Environmentally preferred coating

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## GREEN BUILDING CERTIFICATIONS

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### DGNB (VERSION 2018, REVISION 09/2020)

(DEUTSCHE GESELLSCHAFT FÜR NACHHALTIGES  
BAUEN E.V. -  
GERMAN SUSTAINABLE BUILDING COUNCIL)

### SUITABILITY FOR THE QUALITY CLASSES

Suitability of the product/system for the quality classes according to the criteria matrix of the DGNB criterion ENV1.2 „Local Environmental Impact“.

Requirements according to the matrix:

Row No. 15: Fire protection coating for steel components ETA approved and CE certified.

quality level	quality level	quality level	quality level
1	2	3	4
yes	yes	yes	yes

### SPECIAL CHARACTERISTICS

- Free of halogen, alkyl phenol and benzyl alcohol
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### LEED (VERSION 4)

(LEADERSHIP IN ENERGY AND  
ENVIRONMENTAL DESIGN)

### THE PRODUCT CAN CONTRIBUTE TO THE FOLLOWING CRITERIA:

#### CATEGORY „MATERIAL & RESOURCES“

- Criterion MRc4 (Material Ingredients)  
*According to current knowledge, the product does not contain any substances of very high concern (SVHC) of the REACH candidate list*

#### CATEGORY „INDOOR ENVIRONMENTAL QUALITY“

Criterion EQc2 (Low-Emitting Materials):

*Permissible value according to LEED: 150g/l*

*Actual value: <1, 5 g/l*

*Sika Unitherm Platinum 120 has passed the German AgBB*

#### ADDRESS OF THE MANUFACTURER

Sika Deutschland GmbH  
Rieter Tal  
71665 Vaihingen/Enz

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### BREEAM UK NEW CONSTRUCTION (VERSION 2014)

(BUILDING RESEARCH ESTABLISH-  
MENT ENVIRONMENTAL ASSESS-  
MENT METHODOLOGY)

### THE PRODUCT CAN CONTRIBUTE TO THE FOLLOWING CRITERIA:

#### CATEGORY “HEALTH & WELLBEING”

- Criterion Hea 02 (Indoor Air Quality):  
*The actual VOC content according to directive 2004/42/EG is less than the maximum allowable content.*

#### CATEGORY “MATERIALS”

- Criterion Mat 03 (Responsible sourcing of materials):  
*Sika Germany has for their locations an environmental management system based on ISO 14001.*
  - Criterion Mat 05 (Designing for durability and resilience):  
*The product has a very high mechanical resistance and is shock, impact and abrasion resistant.*
  - GN 22: BREEAM Recognised Schemes for VOC Emissions from Building Products
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**DOCUMENTATION FOR GREEN BUILDING CERTIFICATIONS**

For further information please consult the technical department

- Product data sheet
- Material safety data sheet
- Sustainability data sheet
- Data sheet base coat
- Data sheet revision steel fire protection
- Data sheet maintenance and revision

Further information could be downloaded on [www.sika.de](http://www.sika.de).

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**FURTHER DETAILS****ENVIRONMENTAL PRODUCT DECLARATION (EPD)**

- The product has an EPD  
 Product-specific EPD  Association-EPD

**SERVICE LIFE OF CONSTRUCTION**

Service life depends on the respective installation situation and the burden associated

**DISPOSAL**

According to the valid Directive on the List of Waste Materials (AVV), waste materials have to be assigned to the type of waste origin-related. That's why no clear waste disposal code can be stated.

Completely emptied packagings have to be recovered.

Packagings containing residues of dangerous substances or are contaminated by dangerous substances and packagings that are not completely emptied as well as the product have to be disposed correctly and harmlessly.

For further information regarding disposal see [www.sika.de](http://www.sika.de)

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**LEGAL NOTE**

The information stated above refers to the point of time of the date of issuance of this sustainability data sheet and therefore complies with the status of our knowledge at the time. It does not constitute an agreed quality. With regard to warranty, the corresponding product data sheets and the general terms and conditions of sale of Sika Deutschland GmbH shall exclusively apply. Any changes to the above listed certification systems may lead to the fact that the aforementioned information no longer complies with the current status and the current requirements of the respective certification systems.

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 Sika's 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 product's 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.

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Sustainability Data Sheet

Industrial Coatings

Sika® Unitherm® Platinum-120

April 2021, version 2

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