

Special Construction Products

## WEBAC® 5520N, 5520N Thix



- ▶ WEBAC® 5520N/5520N Thix are epoxy resins used for sealing joints. The material shows a good edge adhesion to mineral substrates.

### Range of application

- Elastic filling of floor joints and other joints
- Thixotropic adjustment (**WEBAC® 5520N Thix**) also for vertical and overhead applications

### Properties

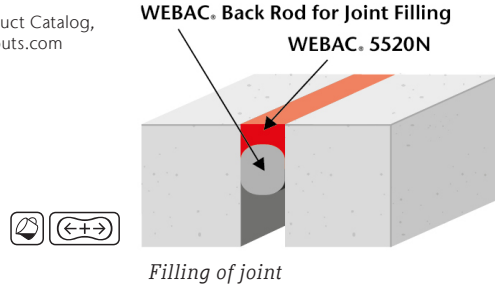
- Good adhesion to dry, absorptive mineral surfaces
- Resistant to dynamic stress
- Good chemical resistance
- Self-leveling
- Total solid\*

WEBAC-Chemie GmbH  
Fahrenberg 22  
22885 Barsbüttel  
Germany  
Tel. +49 40 67057-0  
Fax +49 40 6703227  
info@webac.de

[www.webac.de](http://www.webac.de)

### Example

Meaning of the icons ▶ WEBAC Product Catalog,  
[www.webac.de](http://www.webac.de) or [www.webac-grouts.com](http://www.webac-grouts.com)



\*according to test method by Deutsche Bauchemie e.V. (German Industry Association for Manufacturers of Construction Chemicals)

## ▶ Technical Information

All the data indicated in this technical data sheet and any related information provided by our employees are of an advisory nature representing our current state of knowledge and in no way binding. As the exact chemical, technical and physical conditions of the actual application are beyond WEBAC's control, this information does not preclude examination of the products and/or procedures for the intended application and surface by the user. WEBAC is thus unable to guarantee results. The user is fully responsible for the observation of existing regulations and conditions when using the products.  
© WEBAC-Chemie GmbH. Version 03/17

Special Construction Products

# WEBAC® 5520N, 5520N Thix

Technical data	Values	
Mixing ratio	1 : 1 parts by weight	
Density, 20 °C / 68 °F (ISO 2811)	Comp. A Comp. B	≈ 2.0 g/cm <sup>3</sup> ≈ 1.6 g/cm <sup>3</sup>
Pot life	23 °C / 73 °F ≈ 60 min	
Application temperature Building structure and material	> 12 °C / 54 °F	
Curing time 23 °C / 73 °F	24 h 7 d	dust dry cured
Tensile strength · elongation at break 7 d, 21 °C / 70 °F (ISO 527)	≈ 1.3 N/mm <sup>2</sup> · ≈ 60%	
E modulus 7 d, 21 °C / 70 °F (ISO 527)	≈ 4.2 N/mm <sup>2</sup>	
Shore hardness A 7 d, 21 °C / 70 °F (EN 868)	≈ 48/22	
Fire behavior	minimum B2 according to DIN 4102-4. 2.3.2	
GISCODE	RE1	
EPD	EPD-DBC-20130014-IBE1-D	
Exposure scenarios according to REACH	Assessment of industry standard application	

The specified data are values determined under laboratory conditions and are subject to a certain fluctuation. Deviations are possible in practice depending on the respective object situation.

WEBAC-Chemie GmbH  
Fahrenberg 22  
22885 Barsbüttel  
Germany  
Tel. +49 40 67057-0  
Fax +49 40 6703227  
info@webac.de

[www.webac.de](http://www.webac.de)

## Technical Information

All the data indicated in this technical data sheet and any related information provided by our employees are of an advisory nature representing our current state of knowledge and in no way binding. As the exact chemical, technical and physical conditions of the actual application are beyond WEBAC's control, this information does not preclude examination of the products and/or procedures for the intended application and surface by the user. WEBAC is thus unable to guarantee results. The user is fully responsible for the observation of existing regulations and conditions when using the products.  
© WEBAC-Chemie GmbH. Version 03/17

Special Construction Products

## WEBAC® 5520N, 5520N Thix



### Preparatory work

#### Structural analysis:

- Analysis of structural condition
  - Moisture condition
  - Condition of the surface (soiled, oily)

#### This provides following information:

- Selection of suitable products



### Mixing

- Empty component B in the container of component A (make sure that the containers are completely empty) and mix homogeneously
- Transfer the mixed material to another clean bucket and stir briefly



### Application instruction

- The mixture must be used completely within the specified pot life
- Only use pure WEBAC material without any residues of cleaning agents or other impurity
- The reaction speed is influenced by the temperature of the material and the building structure – higher temperatures accelerate, lower temperatures slow down the reaction



### Application

- Cast **WEBAC® 5520N** into horizontal joints
- Apply **WEBAC® 5520N Thix** when working overhead and to vertical joints
- **WEBAC® 5520N + WEBAC® ST400** are adjustable for inclined and vertical surfaces and for working overhead. Add **WEBAC® ST400** (1–5%) into the container of component B, stir for 3 min and **allow to mature for 5 minutes!**



### Final work and cleaning

- If necessary, smooth joint surface
- Cured residues must be removed from the equipment mechanically immediately after use
- Clean the equipment with **WEBAC® Cleaner A**
- Use **WEBAC® Cleaner B** for dissolving cured material
- Observe the technical data sheets of the cleaners used

### Note

Let **WEBAC® 5520N + WEBAC® ST400** mature for 5 minutes after mixing!

WEBAC-Chemie GmbH  
Fahrenberg 22  
22885 Barsbüttel  
Germany  
Tel. +49 40 67057-0  
Fax +49 40 6703227  
info@webac.de

[www.webac.de](http://www.webac.de)

Special Construction Products

## WEBAC® 5520N, 5520N Thix

Product data					
Application	<ul style="list-style-type: none"> <li>• Casting</li> <li>• Apply by flat trowel</li> </ul>				
Packing	<table border="1"> <thead> <tr> <th>Comp. A</th> <th>Comp. B</th> </tr> </thead> <tbody> <tr> <td>2 kg</td> <td>2 kg</td> </tr> </tbody> </table>	Comp. A	Comp. B	2 kg	2 kg
Comp. A	Comp. B				
2 kg	2 kg				
Storage	<ul style="list-style-type: none"> <li>• Between 5 °C / 41 °F and 25 °C / 77 °F</li> <li>• Protect from moisture and light</li> <li>• In original, sealed containers</li> </ul>				
Compatibility/Resistance	Resistant to harmful salts, alkalis and acids in common concentrations in building structures				

WEBAC-Chemie GmbH  
 Fahrenberg 22  
 22885 Barsbüttel  
 Germany  
 Tel. +49 40 67057-0  
 Fax +49 40 6703227  
 info@webac.de

[www.webac.de](http://www.webac.de)

### Occupational safety

The safety regulations of the industrial trade associations and the WEBAC Safety Data Sheets are to be observed at all times when working with this product. Safety data sheets according to Regulation (EC) No. 1907/2006 (REACH) must be accessible to all persons responsible for occupational safety, health protection and the handling of materials. For further information, please see the separate information sheet "Occupational Safety" in our product catalog or [www.webac-grouts.com](http://www.webac-grouts.com).

### Waste disposal

In Germany, empty containers can be disposed of via "Interseroh Dienstleistungs GmbH" observing the respective terms and conditions. It is not possible to dispose of containers at production facilities or delivery warehouses. For more detailed information, please see the separate information sheet "Information on the disposal and return of WEBAC packaging" in our product catalog or [www.webac-grouts.com](http://www.webac-grouts.com) and the safety data sheets.

## ► Technical Information

All the data indicated in this technical data sheet and any related information provided by our employees are of an advisory nature representing our current state of knowledge and in no way binding. As the exact chemical, technical and physical conditions of the actual application are beyond WEBAC's control, this information does not preclude examination of the products and/or procedures for the intended application and surface by the user. WEBAC is thus unable to guarantee results. The user is fully responsible for the observation of existing regulations and conditions when using the products.  
 © WEBAC-Chemie GmbH. Version 03/17