

PU Casting Foam Resins

## WEBAC® 2260/B60



- ▶ WEBAC® 2260 is a PU rigid foam for filling cavities/voids and thermal insulation.

### Range of application

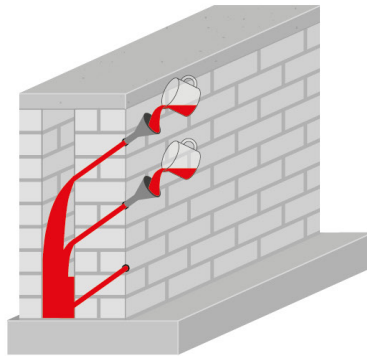
- Filling and sealing of cavities/voids and solidification in masonry structures
- Sealing of pipe ducts
- Filling of hollow bricks (e.g. poroton)
- Repair of floating structures (pontoons)

### Properties

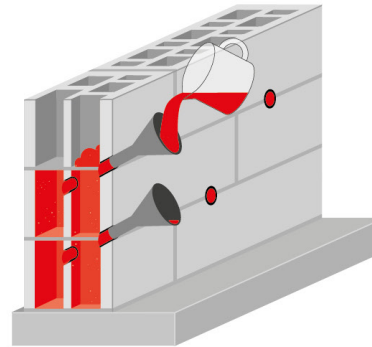
- Pressure resistant rigid foam, also cures without water
- Thermal insulation effect
- Chlorine- and CFC-free
- Excellent adhesion
- Slow expansion
- Adjustable reaction time (accelerator **WEBAC® B60**)

### Examples

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



Filling of cavities/voids in masonry



Filling of hollow bricks

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## ▶ Technical Information

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Technical data	Values			
Mixing ratio	1 : 1 parts by volume			
Density, 20 °C / 68 °F (ISO 2811)	Comp. A	≈ 1.0 g/cm <sup>3</sup>		
	Comp. B	≈ 1.2 g/cm <sup>3</sup>		
Application temperature Building structure and material	> 5 °C / 41 °F			
Viscosity of mixture	30 °C / 86 °F		23 °C / 73 °F	12 °C / 54 °F
	≈ 500 mPa·s		≈ 600 mPa·s	≈ 1,100 mPa·s
Foam reaction Start · End · Expansion (quantity to be added referring to <b>component A</b> )	30 °C / 86 °F			
	without B60	≈ 5 min · ≈ 30 min	· ≈ 4-times	
	2% B60	≈ 2 min · ≈ 20 min	· ≈ 8-times	
	4% B60	≈ 1 min 45 s · ≈ 13 min	· ≈ 10-times	
	5% B60	≈ 1 min 35 s · ≈ 12 min	· ≈ 12-times	
	6% B60	≈ 1 min 20 s · ≈ 11 min 30 s	· ≈ 14-times	
	23 °C / 73 °F			
	without B60	≈ 5 min · ≈ 50 min	· ≈ 4-times	
	2% B60	≈ 2 min 30 s · ≈ 20 min	· ≈ 8-times	
	4% B60	≈ 2 min · ≈ 16 min	· ≈ 12-times	
	5% B60	≈ 1 min 30 s · ≈ 14 min	· ≈ 14-times	
	12 °C / 54 °F			
	without B60	≈ 15 min · ≈ 2 h	· ≈ 4-times	
	2% B60	≈ 8 min · ≈ 1.5 h	· ≈ 8-times	
	4% B60	≈ 4 min · ≈ 75 min	· ≈ 10-times	
	5% B60	≈ 3 min 30 s · ≈ 55 min	· ≈ 12-times	
	6% B60	≈ 3 min · ≈ 60 min	· ≈ 15-times	
Compressive strength 7 d, 23 °C / 73 °F (DIN 53421)	without B60	≈ 1.8 N/mm <sup>2</sup>		
	2% B60	≈ 0.7 N/mm <sup>2</sup>		
	4% B60	≈ 0.4 N/mm <sup>2</sup>		
Thermal insulation value λ <sub>R</sub> · layer thickness	without B60	≈ 0.041 W/mK · ≈ 24 mm		
	2% B60	≈ 0.043 W/mK · ≈ 55 mm		
	4% B60	≈ 0.042 W/mK · ≈ 57 mm		
GISCODE	PU40			
EPD	EPD-DBC-20130014-IBG1-D			
Exposure scenarios according to REACH	Assessment of industry standard application			

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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.

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### Preparatory work

- ▶ See **WEBAC Brochure Sealing of Masonry**



Sealing of Masonry



### Mixing

#### Casting

- Empty component A and B at the given mixing ratio into a bucket (make sure that the containers are completely empty) and mix homogeneously

#### Application by 2C pump

- Fill component A and B into the respective hoppers
- The components are mixed homogeneously in the mixing head

#### WEBAC® B60

- Added quantity referring to **component A** according to table ▶ p. 2
- Mix into **component A** immediately before use



### Application instruction

- Mixed material is moisture-sensitive; contact with water (e.g. rain) must be avoided
- 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

- Fill the mixed material into the pouring hole or using a 2C pump via packers/lances
- In case of higher filling levels the material should be applied layer by layer



### Final work and cleaning

- Once the material has cured remove the packers
- Clean and close the drill holes with suitable non-shrinking mortar
- The patching can be removed as soon as the injection process is completed and the filling material is cured
- Clean the pump with **WEBAC® Cleaner A**
- Use **WEBAC® Cleaner B** for dissolving cured material but never for rinsing pumps
- Observe the technical data sheets of the injection pump and cleaners used
- For detailed information refer to the operating manual of the injection pump used

### ! Note

Quantity of added accelerator **WEBAC® B60** refers to component A!

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Product data			
<b>Application</b>	<ul style="list-style-type: none"> <li>• Casting</li> <li>• Injection by 2C pump</li> </ul>		
<b>Packing</b>	<b>WEBAC® 2260</b> <b>Comp. A</b> 10 kg 5 kg	<b>Comp. B</b> 12 kg 6 kg	<b>WEBAC® B60</b> <b>Unit</b> 0.5 kg 0.25 kg
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Between 5 °C / 41 °F and 30 °C / 86 °F</li> <li>• Protect from moisture</li> <li>• In original, sealed containers</li> </ul>		
<b>Compatibility/Resistance</b>	<ul style="list-style-type: none"> <li>• Compatible with concrete, steel, foil, cable sheathing and WEBAC injection materials</li> <li>• Resistant to harmful salts, alkalis and acids in common concentrations in building structures</li> </ul>		

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### Test certificates

- Test certificates on request

### 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.

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