

PU Injection Foam Resins

WEBAC® PURstop 1C

- ▶ Designed for the fast and temporary stopping of pressing water.

Range of application

- Sealing of foundation pits: sheet pile wall, bored pile wall, underwater concrete
- Solidification of non-binding soil
- Filling of cavities/voids
- Water stop against pressing water
- Stabilization of gravel nests

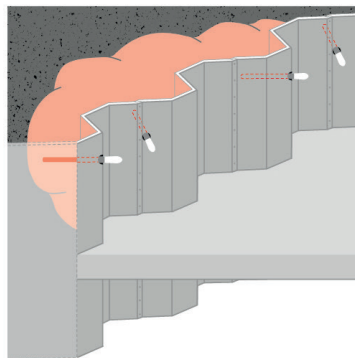
Properties

- 1C system with accelerator (catalyst)
- fast and highly expanding foam (upon contact with water)
- Foam structure not too rigid
- Adjustable reaction time (**WEBAC® PURstop ACC 1C**)
- Good reactivity and resistance to alkaline water up to pH-value 11

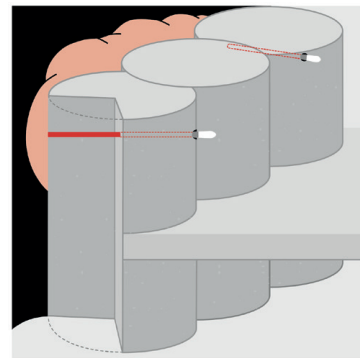
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Examples



Sealing of sheet pile walls



Sealing of bored pile walls

▶ 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 08/2019-2

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Technical parameters	Values
Density, 20 °C/68 °F (ISO 2811)	Resin ≈ 1.24 g/cm ³ Accelerator ≈ 1.0 g/cm ³
Pot life (WEBAC test procedure based on ISO 9514)	21 °C/70 °F > 2 h
Viscosity, with 1% Accelerator (WEBAC test procedure based on ISO 3219)	Resin 23 °C/73 °F ≈ 300 mPa·s
Fire behavior test PU foam resin-sand mixture	B2 according to DIN 4102-1 6.2.5.2
GISCODE	PU40
EPD	EPD-DBC-20130014-IBG1-DE
Exposure scenarios according to REACH	Assessment of industry standard application

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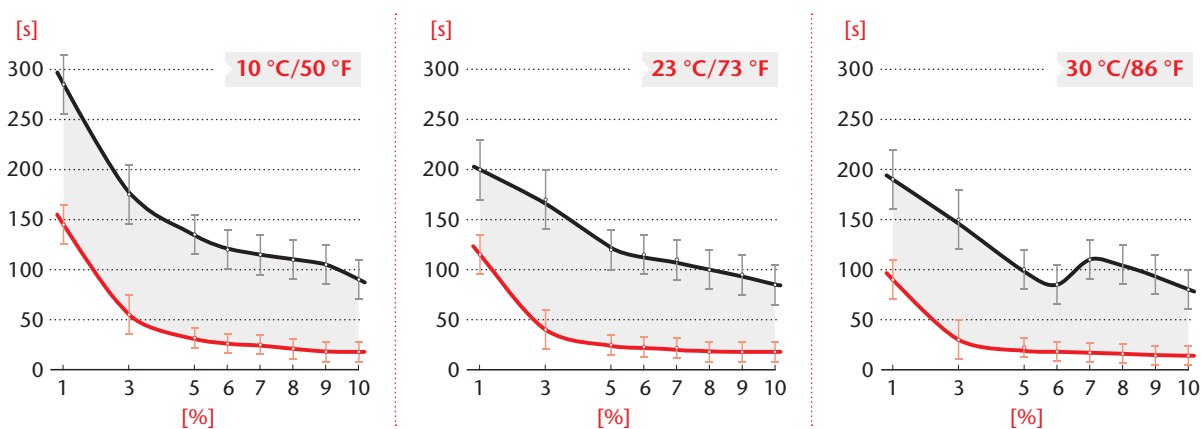
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The specified data are values determined under laboratory conditions and are subject to a certain fluctuation. Deviations are possible in practice depending on the respective object situation.

Reaction time (with 10% water)

of WEBAC. PURstop 1C depending on amount of WEBAC. PURstop ACC 1C added
Best foam structure is achieved using 10% accelerator (that is the amount provided).

— Start of reaction
— End of reaction
II Fault tolerance



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Mixing

Application by 1C pump

- Add the required amount of catalyst to the resin component and mix homogeneously
- Transfer the mixed material to the hopper



Application instruction

- We recommend storing the components at a minimum temperature of 15 °C/59 °F for at least 12 hours prior to use to ensure optimum application performance
- Protect components from moisture penetration (skin formation, pump-damaging precipitates, foam formation due to moisture)
- 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

- Depending on application

We will be pleased to advise you.
Please contact us! Phone +49 40 670 57-0



Cleaning

- Clean the pump with **WEBAC® Cleaner A**
- Observe the technical data sheet of the cleaners used
- For detailed information refer to the technical data sheet of the cleaner and the operating manual of the injection pump used

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Product data			
Application	<ul style="list-style-type: none"> • Injection with 1C pump 		
Packing	<table border="1"> <tr> <td>PURstop 1C 20 kg</td> <td>Catalyst PURstop ACC 1C 2 kg</td> </tr> </table>	PURstop 1C 20 kg	Catalyst PURstop ACC 1C 2 kg
PURstop 1C 20 kg	Catalyst PURstop ACC 1C 2 kg		
Storage	<ul style="list-style-type: none"> • Between 5 °C/41 °F and 30 °C/86 °F • Protect form moisture • In original, sealed containers 		

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.

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 and the safety data sheets.

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