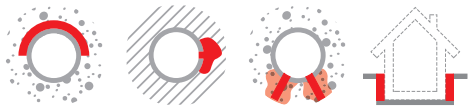
PU Injection Foam Resins

WEBAC® PURstop 1C



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 layers

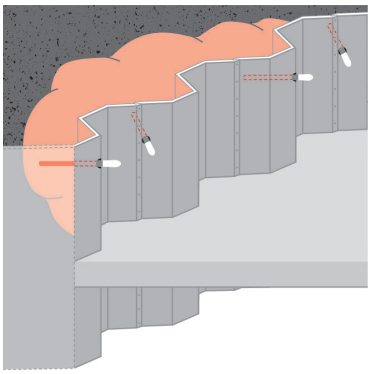
Properties

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

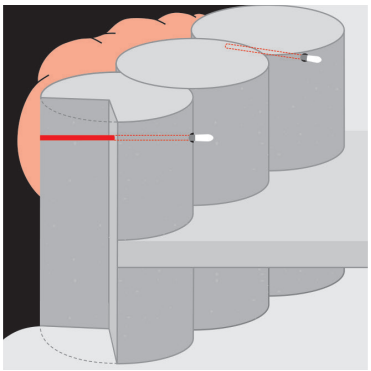
Test Certificates

- Test certificate according to KTW recommendations: D2 (other seals and adhesives)
- Environmental Product Declaration (EPD)

Examples



Sealing of sheet pile walls



Sealing of bored pile walls

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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.
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PU Injection Foam Resins

WEBAC® PURstop 1C

Technical Data

Technical Data		Values
Density, 20 °C (DIN ISO 2811)	**Resin** **Accelerator**	≈ 1.24 g/cm³ ≈ 1.0 g/cm³
Pot life (WEBAC test procedure based on DIN ISO 9514)		**21 °C** > 2 h
Viscosity, with 1% Accelerator (WEBAC test procedure based on DIN ISO 3219)	**Resin**	**23 °C** ≈ 300 mPa·s
Fire behavior test PU foam resin-sand mixture (DIN 4102-1 6.2.5.2)		B2
GISCODE		PU40
EPD		EPD-FEI-20220021-IBG1-EN
Exposure scenarios according to REACH		Assessment of industry standard application

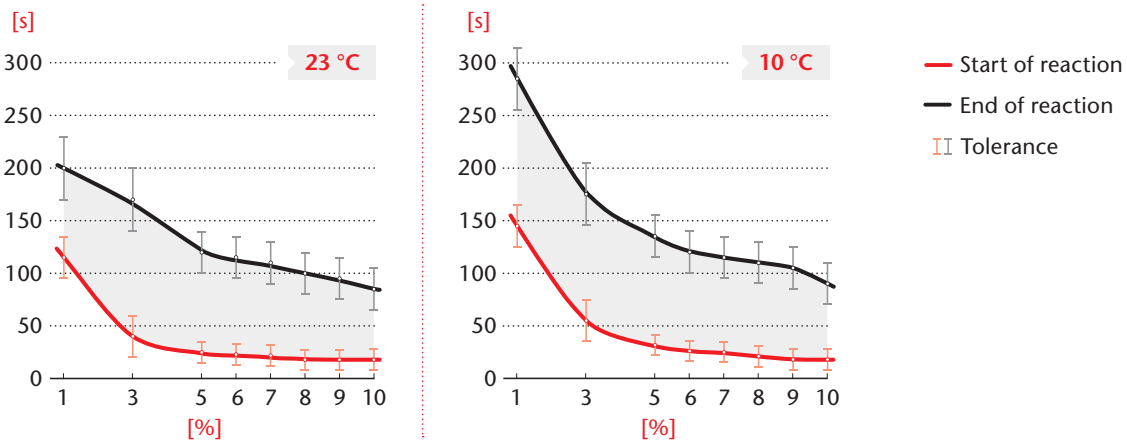
The specified data are values determined under laboratory conditions and are subject to a certain fluctuation. Deviations are possible in practice depending on the respective object situation.

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Reaction Time (with 10% water)

of **WEBAC® PURstop 1C** depending on amount of **WEBAC® PURstop ACC 1C** added.
The best foam structure is achieved with 10% accelerator (amount provided).



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PU Injection Foam Resins

WEBAC® PUR*stop 1C*

Preparatory Work

- Check the injectability of the rock, subsoil or building structure
- Determine a remediation concept in accordance with the applicable rules and standards
- Carrying out a test injection if necessary

Application Instruction

- Injection by 1C pump
- We recommend storing the components at a minimum temperature of 15 °C 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

Mixing

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

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 injection pump and cleaners used
- For detailed information refer to the operating manual of the injection pump

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PU Injection Foam Resins

WEBAC® PURstop 1C

Product Data

Delivery form	**PUR***stop 1C* 20 kg	*Accelerator* **PURstop** *ACC 1C* 2 kg
Storage	• Between 5 °C and 30 °C • Protected from 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 "Interzero Circular Solutions Germany 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 “Disposal Notes“ in our product catalog or www.webac-grouts.com and the safety data sheets.

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