

# StoPox WB 50

Epoxy resin filler for rapid application

Concrete repair  
and concrete  
protection



Tunnels



With its new unique formulation, our StoPox WB 50 epoxy resin filler can now be applied even faster and even more effectively. It also cures very quickly, even at low temperatures, and is over-coatable after a short period of time. As a result, tunnel closure times can be significantly reduced.

## Properties:

- Epoxy resin-bound filler (PC)
- Very high mechanical resistance
- Very good adhesion strength on a concrete substrate
- Very good non-sag properties
- Excellent for filling pores and blow-holes
- Very good application
- Rapid curing, even at low temperatures  $\geq 8^{\circ}\text{C}$
- Coverage per mm of layer thickness:  $1.5\text{ kg/m}^2$
- Water-based
- Coating in accordance with EN 1504 Part 2 and 3



Photos: StoCretec GmbH

With its new formulation, our StoPox WB 50 epoxy resin filler offers exceptional application properties, making it a unique solution. The thixotropic material means it is excellent at filling pores and blow-holes with a layer thickness of just 0 to 4 millimetres and can be applied quickly and with little effort. Practical application has revealed that the product offers significantly increased coverage.

It is generally not necessary to pre-wet the substrate. Curing is also not required, meaning the product is quickly over-coatable. Waiting times between applying layers and closure times are dramatically reduced. The product retains its excellent application properties even in difficult

conditions such as draughts or high levels of humidity. It can also be used on resistant existing epoxy resin coatings, meaning that the time-consuming process of removing them is not required.

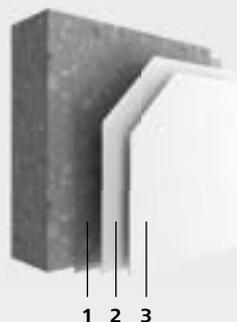
StoPox WB 50 is resistant to thermal shock, mechanically highly resistant, and resistant to water containing sulphate. StoPox WB 50 is a water-based and therefore low-odour EP filler. Tools can easily be cleaned with water.

## System

### Application

- On walls in interiors and exteriors of e.g. tunnels, galleries, or subways
- On resistant existing epoxy resin paint coats
- For scratch and levelling coats over large areas
- For filling pores and blow-holes
- For protecting and repairing concrete members
- For partial reprofiling

### System build-up



- 1 — Prime coating (optional): StoPox WG 100
- 2 — Scratch coat: StoPox WB 50 (2 layers)
- 3 — Coating: StoPox TU 100 (2 layers)

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