

BT – SPM Expanding Mortar fine *sulphate resistant*

**For cracks, voids and other defects,
up to 80 mm depth.**



BT – SPM Expanding Mortar fine *sulphate resistant* is a repair mortar suitable for the filling of cracks, voids and other defects in cement plaster, precast concrete components, masonry etc.

Due to its non-shrink setting properties and high level of resilience **BT – SPM Expanding Mortar fine *sulphate resistant*** can be applied, in a one-step process, in layers of 5 to 80 mm thickness.

Resistant to sulphate attack in sewage and waste water environment applications.

BT – SPM Expanding Mortar fine *sulphate resistant* is a low expansion, synthetic fibre reinforced, cementitious dry mortar (mortar classification M30 according to DIN EN 998-2).

The mortar is highly resilient, bonds well with substrates and hardens in a short period of time, without shrinkage. Once fully set the mortar is highly durable and waterproof as well as freeze-thaw and de-icing resistant. Reaction to fire classification A1. Compliant with DIN 4102/ EN 13501-0, the mortar is suitable for passive fire protection applications.

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Technical Data

Color:	grey
Maximum grain size:	approx. 1 mm
Processing temperature:	+5 to +30°C
Processing period (pot life):	approx. 35 minutes
Useful strength (at 20 °C):	after 12 hours
Ready for treatment (at 20 °C):	after approx. 2 days
Initial setting (at 20 °C):	after approx. 90 minutes
Mixing water requirements:	approx. 4.25 to 4.5 liters per 25 kg bag
Expansion / swelling (28 d):	approx. 0.1 mm/m
Flexural strength (28 d):	approx. 7 N/mm ²
Compressive strength (28 d):	approx. 40 N/mm ²

Coverage / yield:	approx. 1.7 kg / litre volume of cracks, voids or other defects
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