



QUELLMAX® Plus

Bentonite waterstop tape with patented rain protection



With General Building Code Test Certificate (abP)

The product

Quellmax Plus is a technically matured and moreover very price worthy swellable bentonite joint-sealing tape with crystallisation additives. Quellmax is used as a waterstop in concrete construction joints. Quellmax is tested up to 7 bar water-pressure.

Quellmax Plus

The swellable bentonite waterstop tape consists of bentonite imbedded in a matrix of highly molecular polyisobutylene caoutchoc and special fillers and crystalline admixtures (patented composition).

Contact with rain or general site water will not activate the product but when Quellmax-Plus is covered by concrete, the alkaline environment breaks down the coating and the Quellmax-Plus will then be activated by leak water.

Features

Quellmax-Plus is the only swellable bentonite joint-sealing tape that can be used without any compromise, because

- Quellmax-Plus can be installed independently of any weather condition, that means no unwanted swelling during installation (rain-protection)
- Patented coating delays swelling from contact with water of 72 hours.

Application

Quellmax Plus should be placed in in-situ concrete constructions because the swellable bentonite waterstop tape will be completely covered on all sides by concrete (min. 8 cm concrete cover are required) to make sure that the swelling sealing pressure can be built up.

Advantages

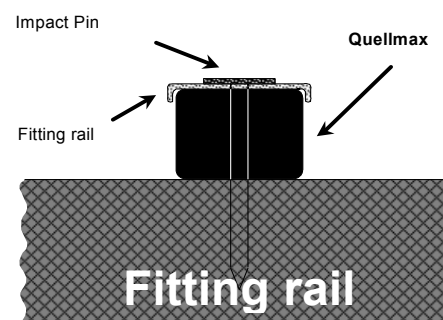
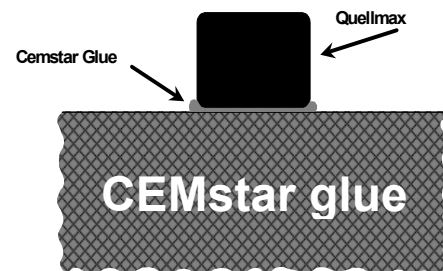
- Quellmax Plus seals in **two phases**:
-First phase: sealing by immediate swelling
-Second phase: sealing by crystallisation
- Great swelling capacity (> 300 %)
- Easy Handling
- No time-consuming setting on edges
- Self injecting effect, that is to say penetration into any cracks and cavities because of a powerful swelling. Second sealing process by concrete crystallisation
- Swelling and shrinkage are infinitely reversible
- Dimensionally extremely stable, not sticky, including at high temperatures in summer

- High mineral portion, hence no fatigue of materials: Sodium-bentonite reacts even some decades of years after having been incorporated
- No negative influence on the successful building-site routine

Technical Data

	QUELLMAX®-Plus-
Shape:	Swellable-tape profile rectangular and flexible
Colour:	black / dark gray
Dimensions:	18 x 24 mm 16 x 21 mm
Coating:	patented rain protection
Weight:	730 g/m or 570 g/m
Toxicity:	Non toxic

Fitting



Package for delivery / Storage

Roll of 5 m, box of 20 m, pallet of 720 m
 Shelf life: 5 years, when stored protected steadily against frost and weather conditions

Quellmax® bentonite waterstop is an unique, patented technology **made in Germany**

