



QUELLMAX® Blackstop

Standard bentonite waterstop tape



With General Building Code Test Certificate (abP)

The product

Quellmax Blackstop is a technically matured and moreover very well-priced swellable bentonite joint-sealing tape with crystallisation additives (patented). Quellmax is used as a waterstop in concrete construction joints. Quellmax is tested and approved **up to 7 bar water-pressure**. Quellmax is also tested for use in changing water tables.

Quellmax

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). Supplied as a robust strip, Quellmax® is simply fastened onto an existing joint face before the next concrete pour. Any subsequent water leakage through the joint activates the Quellmax®, which takes up leaking water and swells. This swelling action expands the product into the water flow paths (active self-injecting process) and effectively seals against water ingress through the cold joint.

Features

Compared with any other traditional joint sealants (PVC joint-sealing tape, joint-sealing sheets etc.), Quellmax - Blackstop is quite economical and reliable, because

- sources of errors are reduced to minimum
- the best ratio of price and performance is assured

Application

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

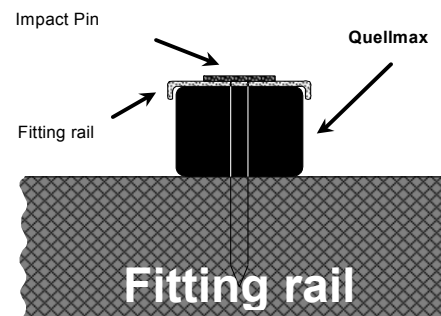
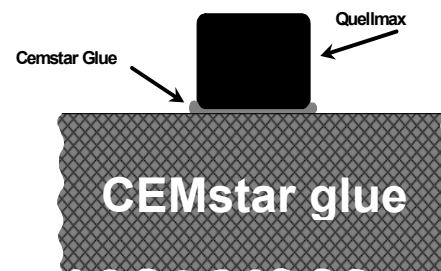
Advantages

- Quellmax 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.
- Swelling and shrinkage are infinitely reversible
- Dimensionally extremely stable, not sticky, not even at high temperatures in summer-time
- High mineral portion, hence no fatigue of materials: Sodium-bentonite reacts even after decades of having been incorporated
- No negative influence on the successful building-site routine

Technical Data

	QUELLMAX®-Blackstop-
Shape:	Swellable-tape profile rectangular and flexible
Colour:	black / dark gray
Dimensions:	18 x 24 mm 16 x 21 mm 10 x 20 mm
Coating:	talcum treated
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**

