

Drybase® QuellMax® Plus Waterbar

FEATURING RAIN PROTECTION COATING

Product Description

Drybase® Quellmax® Plus Waterbar is a bentonite based hydrophilic strip with a patented rain protection. It's unique protection coating prevents premature swelling of the tape for up to 3 days.

It is formed of bentonite embedded in a matrix of butyl rubber, special fillers and crystalline admixtures, which expands its volume when it comes in contact with water. It has a strong, fast and reliable swelling performance.

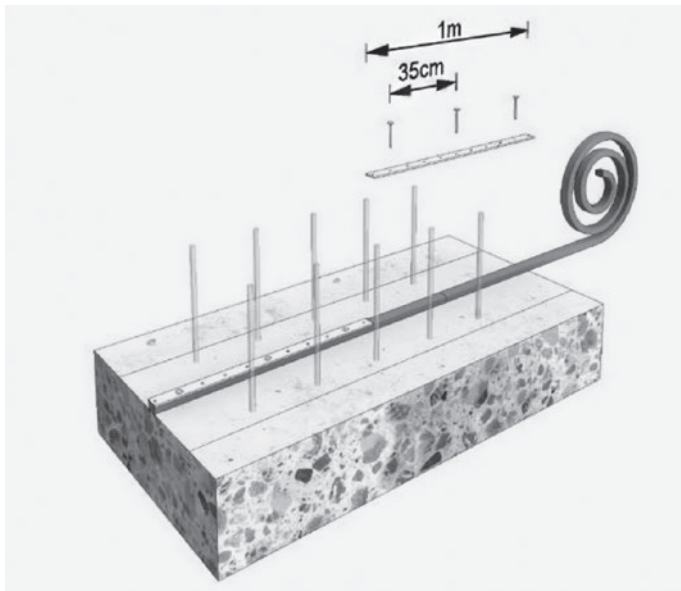
Areas of Application

Drybase® Quellmax® Plus Waterbar is a swellable bentonite waterstop strip designed to prevent water ingress through construction joints in reinforced concrete structures. The swellable strips are used for waterproofing of both vertical and horizontal structural joints.

Drybase® Quellmax® Plus Waterbar has a patented protective coating which prevents early reaction with rain water or water on site.

The protective coating is dissolved by the alkalinity of fresh concrete and instantly activates the **Drybase® Quellmax® Plus Waterbar**. Swelling and shrinkage remain permanently reversible.

Drybase® Quellmax® Plus Waterbar is tested and approved up to 7 bar water pressure.



Benefits

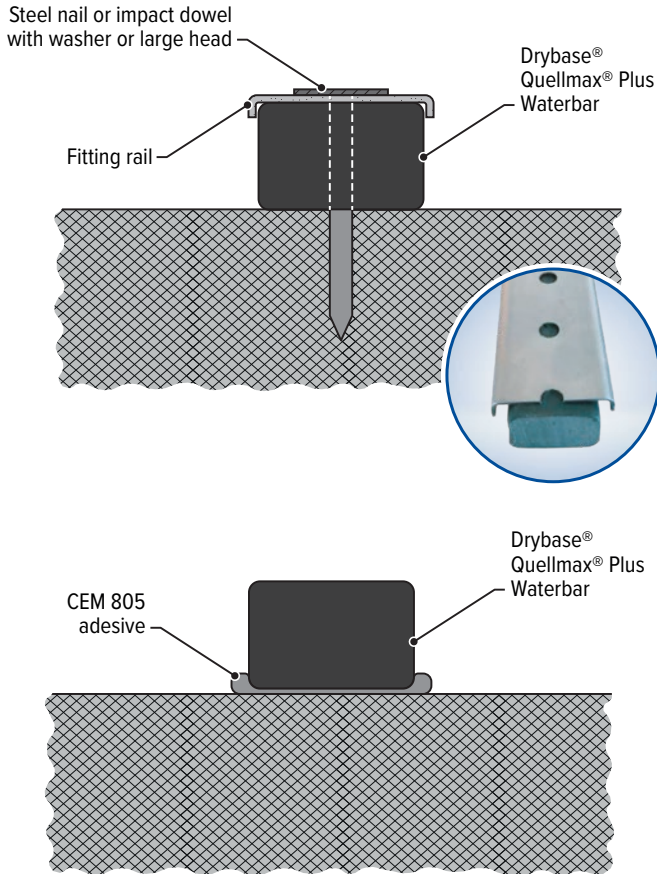
- Special coating prevents premature swelling for up to 3 days
- More than 300 % swelling volume
- Swelling and shrinkage remain permanently reversible
- Independently tested and approved up to 7 bar water pressure

Properties

- Dimensionally extremely stable, not sticky, even at high temperatures in summer
- Swells into the dimensions of the cracks / voids not just within its original form
- Suitable for use in variable water tables
- Suitable for both vertical and horizontal applications

Surface Preparation

- The surface onto which **Drybase® Quellmax® Plus Waterbar** is to be placed should be clean and flat.
- Any adhesion reducing substances such as bitumen, oil, grease, the remains of paint or laitance must be removed by suitable means,
- Do not apply if the background or air temperature is 5 °C or lower.



Technical Data

All data is averaged from several tests under laboratory conditions. In practice, climatic variations such as temperature, humidity, and porosity of substrate may affect these values.

Basis	Bentonite embedded in a matrix of butyl rubber, special fillers and crystalline admixtures, flexible 5 m lengths and rectangular in section
Colour	Black/dark grey
Coating	Unique patented coating which is neutralised by alkalinity
Application Temperature	≥ 5 °C
Packaging	Box with 6 × 5 m = 30 m per box
Storage	When stored in a dry, frost-free place in unopened, undamaged original packaging, the shelf life is 36 months
Dimensions	18 mm × 24 mm × 5 m length
Weight	730 g/m (18 × 24 mm)
Toxicity	Non-hazardous, non-toxic

Application

- **Drybase® Quellmax® Plus Waterbar** must have full and continuous contact to the substrate.
- **Drybase® Quellmax® Plus Waterbar** should be fixed either using Drybase® Quellmax® fitting rails and steel nails or Drybase® CEM805 adhesive.
- **Drybase® Quellmax® Plus Waterbar** may be laid in lengths of 5 m (standard length) in the centre of the wall thickness.
- A minimum 80 mm of concrete should cover all sides of the **Drybase® Quellmax® Plus Waterbar**.

Other Information

Information given is in good faith based on experience and usage, however all recommendations are made without warranty or guarantee, since the conditions of use are beyond our control. All goods are sold in accordance with our Conditions of Sale, copies of which are available on request. Customers are advised that products, techniques and codes of practice are under constant review and changes occur without notice; please ensure you have the latest updated information.