



SAINT-GOBAIN

durajoint SW-R

Swellable Waterstop - Rubber

HYDROPHILIC BUTYL RUBBER BASED WATERSTOP

DESCRIPTION

durajoint SW-R hydrophilic Butyl rubber waterstop is manufactured into high performance synthetic elastomer strips.

USES

Sealing of prefabricated concrete element e.g. joints in tunnels and shafts.

May also be used for "open joints".

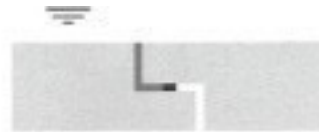
ADVANTAGES

- New generation expanding rubber sealing material
- Expansion up to 400%
- Stable during the swelling process
- Developed for the successful use in tunnels in pressure conditions up to 5 bar water pressures
- Under conditions of confinement will mould itself to exert pressure evenly on the surrounding surfaces, even when these are rough and the gaps to be filled are of uneven size. This feature assures a good waterproof seal without the need for any sort of high-compression force

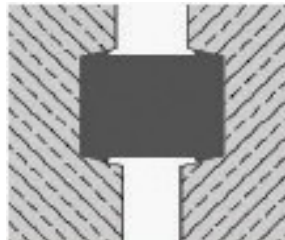
PHYSICAL PROPERTIES

Tape profiles	Rectangular and round
Colour	Black/dark grey
Dimensions	18 x 7 mm
Shore A	70 ±3
Density	1.45 ±0,03 g/cm ³
Volume of swelling	approximately 400%
Working temperature	-30 °C +70 °C

TYPICAL APPLICATION

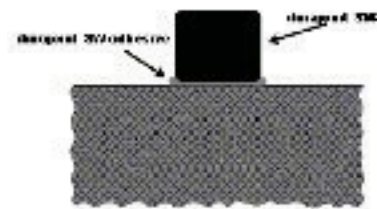
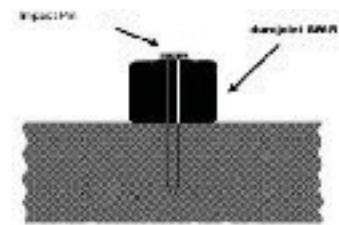


Precast concrete joint



Open Joint

FITTING



INSTALLATION TECHNIQUES

Joint surface must be clean and dry and any protrusions greater than 3 mm high ground or chipped off.

durajoint SW-R may be fixed either with concrete nails at ± 300 mm centres, or on a bead of **durajoint SW-R** adhesive applied 6 mm thick. It is acceptable to butt joints at end of each roll, however a 45° angle cut at the overlaps is preferred and either as concrete nail or a small amount of **durajoint SW-R** adhesive may be used.

LIMITATIONS

durajoint SW-R does not change its structure as well as its form (remains elastomeric). For this reason, **durajoint SW-R** hydrophilic rubber based waterstop is not able to inject itself into any honeycombs or concrete cracks. **durajoint SW-R** is therefore not suggested for in-situ concrete construction sealing, but for prefabricated concrete joint construction.

PACKAGING

12 m roll (box of 6 rolls).

SHELF LIFE

3 years, if stored protected from extreme weather conditions.

MODEL SPECIFICATION

Construction joints where indicated will be protected from ingress or egress of liquid with **durajoint SW-R** (dependent on thickness of concrete section) and will be fixed mechanically with a suitable concrete nail or glued using **durajoint SW-R** adhesive.

HEALTH & SAFETY

Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information. The safety data sheet is available from your local **a.b.e.**® sales representative.

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.**® endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot accept any liability for application – because **a.b.e.**® has no direct or continuous control over where and how **a.b.e.**® products are applied.

FURTHER INFORMATION

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements.

a.b.e.® has a wealth of technical and practical experience built up over the years in the company's pursuit of excellence in building and construction technology.

Please consult our website for our latest datasheets.

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a.b.e.® is an ISO 9001:2015 registered company
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