

## waterstops - swellable - De Neef – continued

### SWELLSEAL JOINT

Swellseal Joint is a flexible co-extruded vulcanised strip made out of a combination of chloroprene rubber and a hydrophilic resin.

The orange part has a swelling capacity of up to 600% in contact with water. The black part (= compression zone) has a swelling capacity of 150%. The ridged finish assures a better adhesion to concrete

#### ADVANTAGES

- Swellseal Joint has a proven track record in concrete structures subject to high water pressure
- Reversible vulcanised rubber swelling strip in contact with water
- Will not sag when correctly placed
- Can be easily installed by nailing or glueing with Swellseal Mastic
- Has a good all-round chemical resistance and can resist to petroleum, mineral and vegetable oils and greases
- Swellseal Joint can also be installed between smaller pre-cast elements and/or joints where one expects smaller settlements

BUILDSPAN CODE	Description	Size
DNSS25	Swellseal Joint	7mm x 25mm x 10m
HCA28	Contact Adhesive	1ltr

**Swellseal Joint**

**de neef UK**

### SWELLSEAL 3V

Swellseal 3V is an elastic strip made out of a combination of rubber and a hydrophilic resin. Enclosed between prefabricated concrete elements, it will expand in contact with water and in this way seal the joint. Swellseal 3V has a swelling capacity of up to 300 times when in contact with water.

- Type F: For sealing construction joints between pre-cast elements
- Type S: For sealing joints between pre-cast tunnel segments
- Swellseal 3V can only function properly in a confined space

BUILDSPAN CODE	Description	Size
DNSS3V5/F	Swellseal 3V Type F	20mm x 5mm x 15m
DNSS3V5/S	Swellseal 3V Type S	20mm x 5mm x 15m
DNSS3V10/S	Swellseal 3V Type S	20mm x 10mm x 5m
CON5	Contact Adhesive	5ltr

**Swellseal 3V**

**de neef UK**

The expansion of Swellseal 3V will create a certain pressure. Installation in the middle of the joint is preferred.

### SWELLSEAL 8V

Swellseal 8V is an elastic strip made out of a combination of rubber and a hydrophilic resin. Enclosed between prefabricated concrete elements, it will expand in contact with water and in this way seal the joint. Swellseal 8V has a swelling capacity of up to 800 times when in contact with water.

Thanks to its high swelling capacity Swellseal 8V is extremely appropriate for applications with polluted water, in case of higher water pressure in zones with changing water table (wet/dry cycles).

- Type F: For sealing construction joints between pre-cast elements
- Type S: For sealing joints between pre-cast tunnel segments
- Swellseal 8V can only function properly in a confined space

The expansion of Swellseal 8V will create a certain pressure. Installation in the middle of the joint is preferred.

BUILDSPAN CODE	Description	Size
DNSS8V5/F	Swellseal 8V Type F	20mm x 5mm x 15m
DNSS8V5/S	Swellseal 8V Type S	20mm x 5mm x 15m
CON5	Contact Adhesive	5ltr

**Swellseal 8V**

**de neef UK**

### SWELLSEAL MASTIC

- Swellseal Mastic is a one-component, polyurethane based, solvent free, hydros swelling mastic, supplied in cartridges and aluminium sausages, for the sealing of construction joints and around pipe penetrations

- Swellseal Mastic cures and swells in the presence of moisture. Curing time depends on temperature and humidity conditions, i.e. curing time will reduce if RH and C° are higher. Swellseal Mastic will become firm in 24-36 hours. Performance is not affected by the curing time

BUILDSPAN CODE	Description
DNSSMT/310	310ml Cartridges
DNSSMT/600	600ml Sausages

**Swellseal Mastic**

**de neef UK**

### BENTOJECT

BENTOJECT is the combination of a hydrophilic bentonite strip and a post-injectable injection tube into one system for the sealing of construction joints in concrete.

BENTOJECT is manufactured out of three layers:

- A reinforced spiral of steel wire
- A filtrating membrane
- Bentonite rubber outer skin

BUILDSPAN CODE	Description	Size
DNBJ/KIT	Bentoject	40m kit inc. accessories

**WRAS**  
APPROVED  
PRODUCT