



MoyaSwell Stop

Hydrophilic Swelling Joint Water Stop

DESCRIPTION **MoyaSwell Stop** is a flexible, hydrophilic polymer rubber waterstop for construction joints and precast elements. It expands in a controlled manner on contact with water.

USES **MoyaSwell Stop** is used to stop water ingress through both vertical and horizontal non moving construction joints and around penetrations through concrete. The bentonite clay in **MoyaSwell Stop** consists of tightly packed charged microscopic platelets. Water molecules are attracted to these platelets and wedge themselves between the platelets causing them to separate and swell. The released bentonite forms a seal preventing further migration of water. As hydrostatic pressure is increased the platelets compact forming a tighter seal.

Areas of application include bathrooms, washrooms, water tank joints, basements, pit, underground safety tanks, etc.

- ADVANTAGES**
- Forms a positive seal, sealing cracks and small voids
 - Non-toxic, suitable for use in potable water tanks
 - Can be applied to irregular concrete surfaces
 - Eliminates seem welding and split forming associated with PVC/rubber waterbars, butt end joining, continuous waterstop
 - Compressible and malleable allowing for good contact
 - Unaffected by repeated wetting and drying cycles
 - Does not deteriorate
 - Permanently active system
 - Easy to install

TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUE
Component	-	Single
Form	-	Flexible Roll
Colour	-	Brown, Red, Beige
Resistance to Micro Organism	-	Resistant
Service Life	-	-30°C to +80°C
Percentage of Swelling (volume)	-	> 125% after 24 hrs
		> 200% after 7 days
Water Pressure Resistance	-	50m height (5 bar)

SURFACE PREPARATION The surface should be clean, dry free of loose dirt, aggregates, rust, debris and loose particles.

APPLICATION **MoyaSwell Stop** is self-adhesive. Remove the release paper and press the **MoyaSwell Stop** firmly to the surface for few seconds. Mechanical fasteners,



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nails may be used. Pay particular attention at the highest coil end on vertical sections. Tightly butt end together to form a continuous waterstop. Do not pre-hydrate or submerge in water.

PACK SIZE 5 mtr roll

CONSUMPTION 1 roll = 5 running mtr

LIMITATIONS **MoyaSwell Stop** is not intended as an expansion joint sealant. If severe ground water, chemicals or salts exist, consult **CONMIX** prior to application.

GENERAL INFORMATION	Shelf Life	12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature / humidity may reduce shelf life.
	Cleaning	Clean all equipments and tools with water immediately after use.

HEALTH and SAFETY	PPE's	Gloves, goggles and suitable mask must be worn.
	Precautions	Contact with skin, eyes, etc. must be avoided.
	Hazard	Regarded as non-hazardous for transportation.
	Disposal	Do not reuse containers. To be disposed off as per local rules and regulations.
	Additional Information	Refer MSDS. (Available on request.)

TECHNICAL SERVICE **CONMIX Technical Services** are available on request for onsite support to assist in the correct use of its products.

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