UNISTOP® COLD JOINT KIT

COLD VULCANISING KIT FOR RUBBER WATERSTOPS



Product Features

UNISTOP® COLD JOINT KIT is a complete cold vulcanising kit for jointing **UNISTOP® NR** rubber waterstops on site. It bonds waterstop sections together at ambient temperature, without a hot vulcanising mould, heat source or power supply.

Each kit contains rubber jointing strips, rubber cleaner, rubber glue and the hand tools needed to prepare, bond and finish the joint, all packed in one box. One set completes 5 joints.

UNISTOP® COLD JOINT KIT is suited to site joints, repairs and connections to factory-moulded intersections, particularly in confined or remote areas where hot vulcanising equipment is impractical. Where the project specification calls for hot vulcanised joints, the specification shall prevail.

Advantages

No hot vulcanising mould, heat source or power supply required
Complete kit: jointing materials and tools in one box
Quick on-site jointing and repair of rubber waterstops
Suitable for confined, remote or hard-to-reach work areas
Pre-packed for 5 joints per set to minimise wastage
For use with UNISTOP® NR rubber waterstop profiles
Compact, easy to store and transport

Fields Of Application

Site Butt Joints of Rubber Waterstops	Basement & Underground Car Parks
Repair of Damaged Waterstop Sections	Tunnels & Subways
Joints to Factory-Moulded Intersections	Retaining Walls
Water Tanks & Reservoirs	Lift Pits & Service Pits
Water & Sewerage Treatment Plants	Remote Sites Without Power Supply

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UNITY RELIANCE

UNISTOP® COLD JOINT KIT

Kit Contents

Item	Description	Quantity (per set)
Rubber Jointing Strip	Foil-backed rubber strip to cover the joint	5 joints
Rubber Cleaner	Solvent-based cleaner for rubber surfaces	1 tin
Rubber Glue	Solvent-based rubber adhesive	2 bottles
Wire Brush	For roughening the waterstop surface	1 pc
Paint Brush	For applying rubber cleaner	1 pc
Cutter Knife	For cutting waterstop ends and strips	1 pc
Cotton Gloves	Hand protection during jointing	1 pair
Cleaning Cloth	For wiping prepared surfaces	1 pc

One set completes 5 joints on UNISTOP® NR rubber waterstop. Order additional sets according to the number of site joints required.



Kit contents as supplied.

Physical Properties

Product	:	Cold vulcanising jointing kit
Suitable For	:	UNISTOP® NR rubber waterstops
Coverage	:	5 joints / set
Packaging	:	1 set / box
Glue Drying Time	:	Approx. 5 minutes before bonding
Shelf Life	:	Refer to the date marked on the containers

Health & Safety

UNISTOP® COLD JOINT KIT contains solvent-based rubber cleaner and rubber glue, which are flammable. Use only in a well-ventilated area away from naked flames, sparks and heat, and do not smoke during use.

Wear the cotton gloves provided and avoid contact with skin and eyes; if contact occurs, rinse with clean water. Keep containers tightly closed and store in a cool, dry place away from direct sunlight. Refer to the MSDS of the rubber cleaner and rubber glue.

This technical data sheet is given in good faith and does not guarantee the application work. All Unity Reliance technical data sheets & method statements are updated on a regular basis and can be subject to change without notice. It is the user's responsibility to obtain the latest version of the information required.

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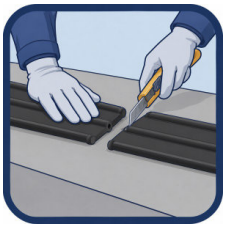
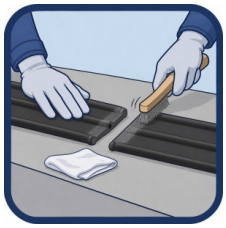
UNISTOP® COLD JOINT KIT

Installation Procedures

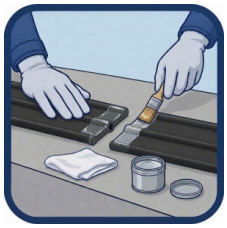
1 Preparation | 2 Cleaning | 3 Bonding | 4 Inspection



Cut ends square



Wire-brush 75 mm



Clean & apply glue



Apply jointing strip

Installation Procedures

Step 1
PREPARATION

Lay out the kit contents on a clean, dry surface next to the joint and wear the cotton gloves provided.

Cut both ends of the rubber waterstop to be joined square and as straight as possible using the cutter knife. Clean water may be used as a lubricant. Check that the two ends butt together with the profiles aligned.

Wire-brush the ends and surfaces of the rubber waterstop within 75 mm of the joint until a suede-like finish is achieved.

Step 2
CLEANING

Wipe the prepared areas with the cleaning cloth to remove dust and loose particles.

Apply rubber cleaner to the waterstop ends and prepared surfaces using the paintbrush.

Allow the cleaner to dry completely. Joint surfaces must be clean and fully dry before rubber glue is applied.

Step 3
BONDING

Apply **rubber glue** to both waterstop ends and to the prepared surfaces on both faces of the joint. Allow it to dry for approximately 5 minutes until touch-dry.

Press the two waterstop ends firmly together, keeping the profiles aligned.

Remove the foil backing from the **rubber jointing strip**. Centre the strip over the joint across the width of the waterstop and press firmly from the centre towards the edges to avoid trapping air. Repeat on the other face of the waterstop.

Step 4
INSPECTION

Inspect the joint to ensure the jointing strip is fully bonded, with no lifted edges, air pockets or gaps. Remake any defective joint.

Allow the bonded joint to set undisturbed before handling, then fix the waterstop in position as described in the **UNISTOP® NR** installation procedures.

Close all containers tightly after use.

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