

Pipe Doctor

NO-DIG PIPE REPAIR SYSTEM

FOR THE PERMANENT AND WATERTIGHT REPAIR OF DAMAGED PIPES, WITHOUT THE NEED FOR EXCAVATION WORK



STRAIGHT



BEND



LATERAL JUNCTION



BULK MATERIAL



www.s1e.co.uk/pipedoctor



- Pipe Doctor in Brief.....3
- Pipe Doctor Range4
- The Unique Kit Format - Straight5
- Lateral Junction Repair6
- Radius Repair , Bulk Matting and Resin.....8
- Pipe Doctor Ancillary Equipment.....9
- Independent Testing Standards10
- Skills Centre - Training.....11



Pipe Doctor in Brief

For the permanent and watertight repair of damaged pipes, without the need for excavation work.

- Cost effective and low disruption, with an efficient working time
- Unique kit format, with a waste-free pre-measured resin bag
- A WRc Approved (no. PT/318/0311) core range
- Excellent bonding to virtually all pipe materials
- Cures in the presence of water
- Meets requirements outlined in WRc's 'Drain Repair Book'



Core range up to 225mm diameter
PT/318/0311
 The first WRc Approved patch repair system in the marketplace



The range in brief...

- For the permanent repair of straight pipes, bends and lateral junctions
- Solutions for repairing pipes from DN50mm up to DN1000mm
- Superb quality inflatable packers, bladders and stoppers
- A selection of comprehensive contractor installation equipment
- A full range of unique accessories



The problem:

A damaged wastewater pipe



The approved solution:

Pipe Doctor



The result:

A perfect Pipe Doctor repair



The Pipe Doctor Range

S1E Pipe Doctor standard repair kit - WRc approved

Suitable for repairs on a straight section of pipe of between DN70mm and DN560mm internal diameter.

Available in 500mm and 1000mm lengths

Packers – An extensive range of packers suitable for a straight repair is available from S1E

- Standard packers
- Wheeled and flow through packers

Size ranges from DN25mm to DN1200mm dia – lengths from 1000mm to 5000mm

S1E Pipe Doctor radius repair kit

Suitable for repairs up to 90° bend on either a DN50mm, DN100mm or DN150mm pipe.

Packers – An exclusive range of packers specifically designed for a radius repair is available from S1E

Size ranges DN50mm, DN100mm and DN150mm

S1E Pipe Doctor lateral repair kit

Suitable for lateral junction repairs

Mains pipe from DN100mm to DN800mm

Lateral junction DN100mm, DN150mm and DN225mm - 30° to 90°

S1E Pipe stoppers

Size ranges DN35mm to DN1500mm

High pressure stoppers available on request.

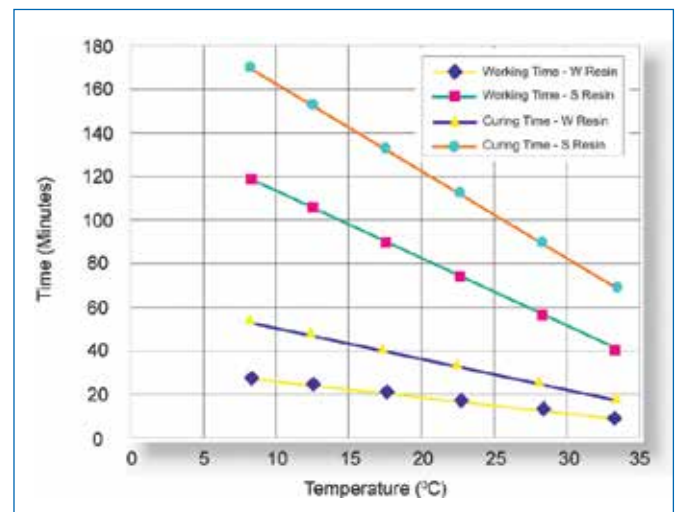
S1E Ancillary equipment

For all the ranges, to include flexible adaptors, pressure regulators and airpush rods

Comprehensive contractor installation equipment

Pipe Doctor resin

The resin supplied is either W or S resin - each has a different working and curing time.



S1E Pipe Doctor Bulk - WRc approved

42 kilo silicate resin / waterglass kits

250 kilo silicate bulk resin

325 kilo bulk waterglass

(Please note for every 1 x 325 kilo waterglass you require 2 x of the 250 kilo resin)

Matting is available by the kilo

- In 1.2m and 2.5m widths for straight repairs
- In 1.2m width for repair of bends

For more details about any of the Pipe Doctor range contact our UK and International sales team on +44(0)1226 397015 or e-mail contact@s1e.co.uk



The Unique Kit Format - Straight

Contents of Pipe Doctor repair kit - for a single patch repair

- Protective gloves
- Pre-measured fibreglass mat
- Protective groundsheet
- Plastic cable ties and wire ties
- Two-part resin bag
- Packer protection
- Resin spreader
- Information and installation manual

Unique pre-measured resin bag

- Always the correct mix - guaranteed
- No contact with unmixed resins
- No wastage
- Safe disposal of bag



Lateral Junction Repair



Before



After

- Repair DN100mm-DN800mm main pipe & DN100-DN225 lateral pipe
- Efficient manual installation method up to 30m
- Suitable for 30° - 90° lateral connections
- Easily installed through swept bends

Key Features

- Repairs post lined pipes
- 30-45 minute working time for challenging scenarios
- Pre measured resin bag to ensure correct mix
- Resin cures even in low temperatures
- Two person installation
- Re-instatement of lateral connection in under 3 hours
- Final repair 2mm wall thickness - minimal bore reduction
- 0% shrinkage to the repair once cured and in situ
- Prevents both water infiltration and exfiltration
- 100% prevention of root ingress at lateral connection
- Can be installed on to wet, damp or glazed pipes



Approved installers required

We are currently seeking partnerships with professional contractors

Please contact us for more details

Lateral Junction Repair

Comprehensive contractor installation equipment



Proven kit for a controlled installation



The Unique Kit Format – Radius

Contents of Pipe Doctor repair kit - for a single patch repair

- Protective gloves
- Pre-measured fibreglass mat
- Protective groundsheet
- Plastic cable ties and wire ties
- Two-part resin bag
- Packer wrap
- Resin spreader
- Information and installation manual



Bulk Matting and Resin

Range of Pipe Doctor bulk resin and matting

- Silicate resin
- Waterglass
- Fibreglass matting for both:
 - Straight
 - Radius

Bulk protection hoses, packer wrap and copper wire available



Pipe Doctor Ancillary Equipment

Ancillary Requirements

Available from S1E

- Air push rods
- Flexible connectors
- Large range of S1E packers, stoppers and bladders



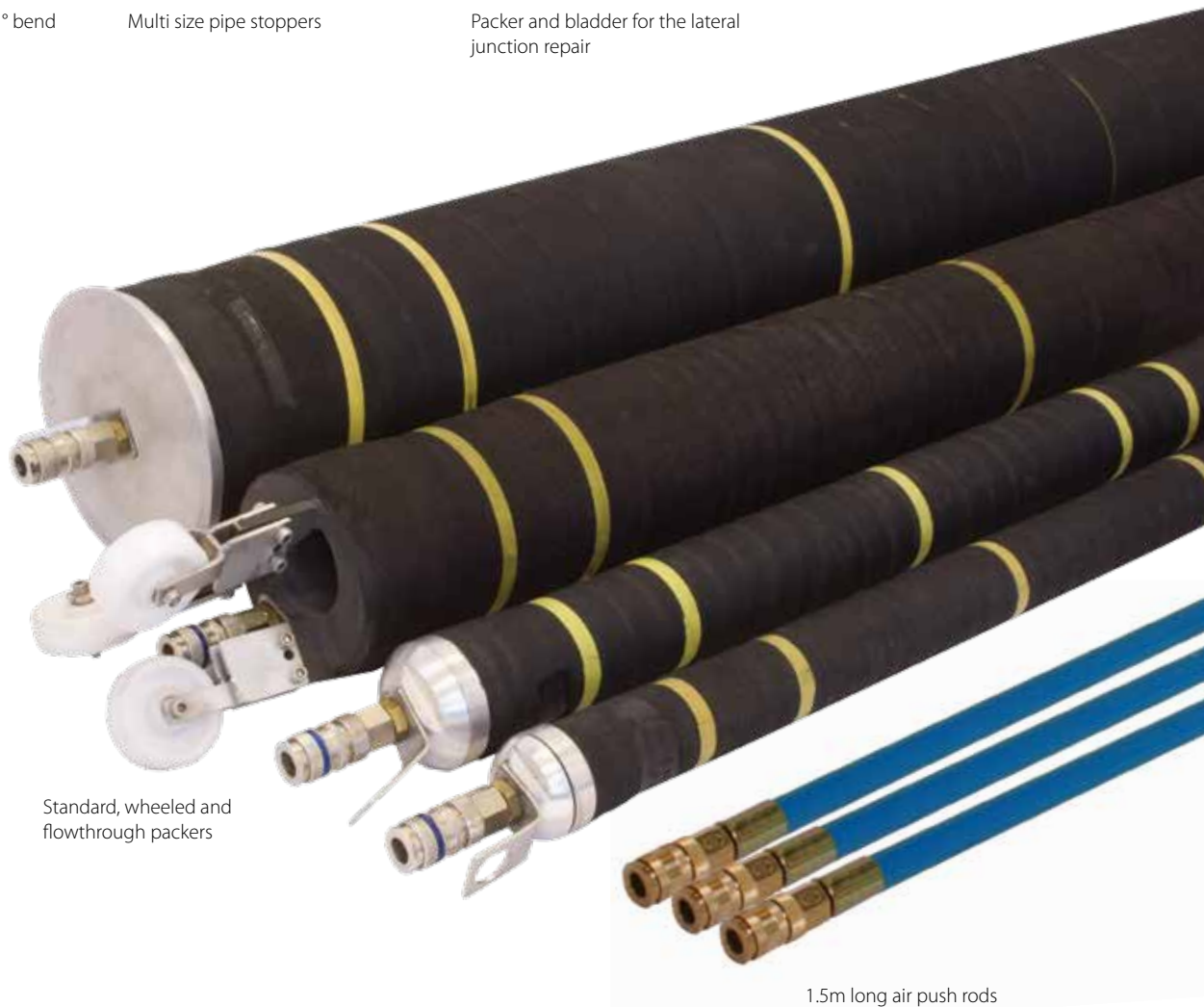
Radius packer for up to 90° bend



Multi size pipe stoppers



Packer and bladder for the lateral junction repair



Standard, wheeled and flowthrough packers

1.5m long air push rods

Independent Testing Standards

Exova (UK) Limited – 6 Coronet Way, Centenary Park, Salford M50 1RE

- Initial specific ring stiffness & dry creep factor, 10,000 hour; August 2013
- Initial specific ring stiffness & dry creep factor, 1,000 hour; August 2012
- Compression testing of the Pipe Doctor glass reinforced silicate resin; January 2013
- Tensile strength and modulus testing with Posissons Ratio; May 2013
- 3 x Tensile strength and modulus testing; June 2013
- Short term flexural testing; May 2010

WRc plc – Frankland Road, Blagrove, Swindon SN5 8YF

- WRc Short term hydrostatic test; September 2003
- WRc Long term hydrostatic test; November 2007
- WRc Approval - Certificate no. PT/318/0311; March 2011

ATV-M 127-2

- Design check certificate, in accordance with the German design code ATV-M 127-2
- Endorsed by University of Applied Sciences, Corrensstraße 25, 48149 Münster, Germany; April 2013

BRE Global – Bucknalls Lane, Watford, Herts WD25 9XX

- Fire Test; September 2013

Energy and Utility Skills Limited – Friars Gate, 1011 Stratford Road, Shirley, Solihull B90 4BN

- S1E are an approved learning provider for the Pipe Doctor No-Dig Patch Repair Course; February 2012

Lanes for Drains – 17 Parkside Lane, Parkside Industrial Estate, Beeston, Leeds LS11 5TD

- WRc approval for the installation by Lanes Group plc of the Pipe Doctor system for both kits and bulk products; February 2013

Thames Water – Gainsborough House, Manor Farm Road, Reading RG1 0JN

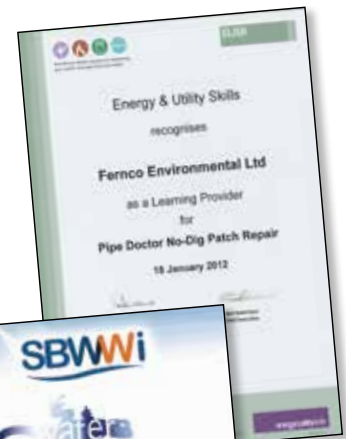
- Approval for use; August 2004

Dublin City Council – Wood Quay, Dublin, Ireland

- Approval for use; April 2004

Pipe Doctor Chemical Resistance Chart

- Please contact Source One Environmental on +44 (0)1226 397015 or contact@s1e.co.uk for a full list detailing the chemical resistance of Pipe Doctor products



A Recognised Qualification

Train your team, seal your reputation...with the market leading supplier of the first WRc Approved no-dig patch repair system in the marketplace.

Courses are delivered at S1E's own purpose built Skills Centre including a realistic drainage layout where trainees install the product.

Including both practical and theoretical elements, the Pipe Doctor Patch Repair Course is an excellent opportunity for your operatives to gain an E&U Skills accredited training qualification, and be formally recognised as "Factory Trained Installers".



To book or for more information:

Call us on +44(0)1226 397015 or email contact@s1e.co.uk or [@s1euk](https://twitter.com/s1euk)



Scan with a smartphone to view information pack.



Water Management & Infrastructure Repair - other ranges from Source One Environmental

K-Prema

Internal Pipe Seal

For the internal repair, rehabilitation, maintenance and installation of pipelines that have a diameter ranging from 500 to 4000mm.

AccessPoint

Access for CCTV & Drain Clearance

A secure point of entry into DN70, DN100 and DN150 plastic, ductile and cast iron pipes.

SealGuard

Prevention of Infiltration

Presented with leakage through virtually any substrate, Sealguard products are ideal for prevention of the very fastest water inflow to the very slowest.



Concrete Waterproofing

Turn your concrete mass into a waterproof barrier. A range of systems for permanent concrete waterproofing and repair - new construction and existing construction.



Please contact us if you'd like more information:

Endeavour Works, Newlands Way, Valley Park, Wombwell, Barnsley, S73 0UW England
T: +44 (0) 1226 397 015 F: +44 (0) 1226 447 300 E: contact@s1e.co.uk

[@s1euk](https://twitter.com/s1euk) [/s1euk](https://www.youtube.com/channel/UCs1euk) [/s1euk](https://www.linkedin.com/company/s1euk) www.S1E.co.uk

