



Sectional repair of damaged pipes and sewers
DN 35 (1.4") – 1200 (47") with the epros[®] DrainPacker method

General Technical Approval No. Z-42.3-385 by the German
Deutsches Institut für Bautechnik (DIBt) for DN 100 - 800

The epros® DrainPacker repair system by Trelleborg Pipe Seals

The epros® DrainPacker repair system by Trelleborg Pipe Seals is a sectional or point repair method for all types of wastewater and sewer pipes.

The system uses epros® silicate resins (☞ epros® ResinSystems) and chemically resistant CRF+ glass fibre.

Benefits

- epros® silicate resins have a high chemical and heat resistance
- epros® silicate resins are ambient-cure resins with a cure time between approx. 1 and 3 hours (cure times can be controlled and adjusted)
- The components of the epros® DrainPacker process bond to all kinds of pipe material, i.e. vitrified clay, plastic, steel etc. and provide a close and tight fit to HDPE pipes
- Excellent performance at extreme temperatures whether hot or cold
- Quick and easy installation
- No volatile organic compounds (VOC) (styrene-free)
- Virtually no shrinkage (< 0.6 %)
- The cured resins can be used in critical areas such as airports and tunnels due to their self-extinguishing properties
- epros® DrainPacker is available as short, long, flex and lateral packer in lengths from 0,6 m to 5 m / 2ft – 16 ½ ft and with pipe diameters from 35 mm to 1200 mm / 1.4” to 47”.
- The flexible and short packers allow the service flow to be maintained during the cure time without expensive bypass pumping
- Independently tested (IKT Gelsenkirchen, WRc UK) in conformance to worldwide standards such as ASTM, WIS and DIN EN, and approved by the German Government body DIBt
- Tested to a service life of 50+ years (10,000-hrs test)
- Recommended by experienced users worldwide with more than 100,000 installations every year

☞ **Training, specifications and further information can be provided upon request.**

Product range

Trelleborg Pipe Seals supply a wide range of inflatable, multi-sized packers for point or sectional repair for pipes. They are Installer friendly as they are light and easy to insert into small manholes and clean-outs. The finish of the epros® packers is to the highest quality.

epros®FlexPackers

- Available in diameters from DN 100 to DN 1200 / 4" - 47" (multiple size, e.g. DN 150 to DN 250 / 6" to 10")
- Maximum repair length – depending on packer size – from 560 mm to 4630 mm / 22" to 182"
- Flexible packers allowing easy installation from the manhole into the pipe
- Adjustable wheel-sets for centring the packer in the pipe for obtaining uniform results
- With Bypass - not for packer DN 100/150 (4"/6")
- Low maintenance and repairable

epros®LateralPackers

- Available in diameters from DN 35 – DN 200 / 1.4" – 8"
- Maximum repair length – depending on packer size – from 210 to 4710 mm / 8.3" – 185"
- Highly flexible and thus easy to install even through small access points
- Can be positioned by pull-in-place (rope) or push-in-place (rods) method
- No wheel-set or bypass required

epros®ShortPackers

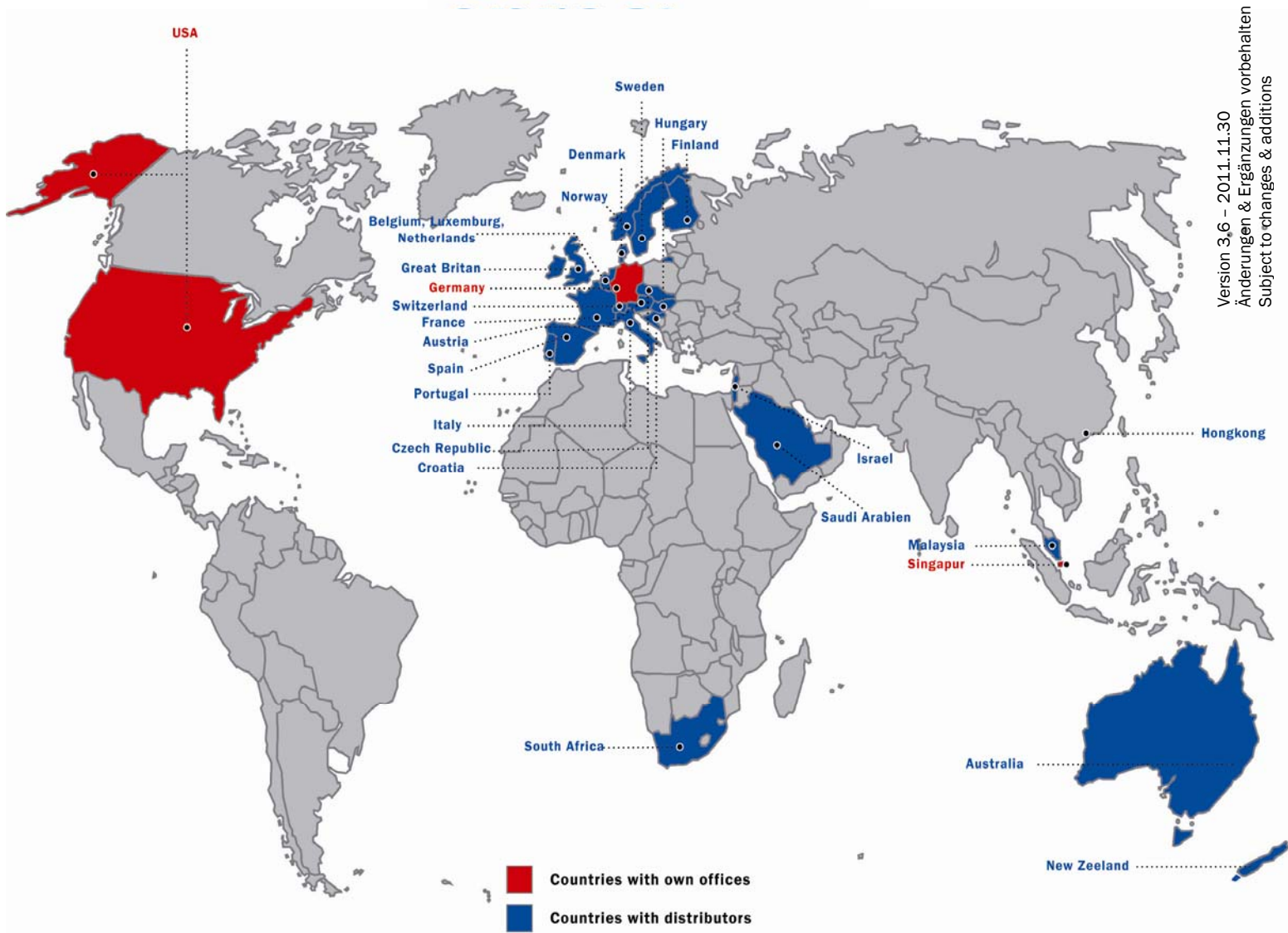
- Rigid design for specific use with larger service flows
- Available in diameters from DN 100 – DN 700 / 4" – 27.5" (multiple size, e.g. DN 150 -200 / 6"-8")
- Maximum repair length – depending on packer size – from 605 to 670 mm / 23.80" – 26.4"
- Adjustable wheel-sets for centring the packer in the pipe for obtaining uniform results
- Bypass model
- Low maintenance and repairable

epros®LongPackers

- Available in diameters from DN 200 – DN 800 / 8" -31.50"
- Maximum repair length – depending on packer size – from 200 to 4565 mm / 8" - 179.70"
- Light weight
- Highly flexible. Packers can be readily inserted through DN 600 / 24" manhole covers.
- Can be positioned by pull-in-place (rope) or push-in-place (rods) method
- No wheel-set or bypass required; special models on request

Flexible air push rods and flexible adapters are available for all packers. This allows repair from a single access point. All air push rods and flex adapters are equipped with air couplers incl. retaining ring.

☞ Further packers e.g. for egg-shaped pipes and further information available on request.



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