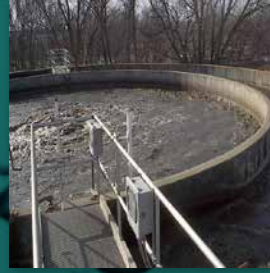




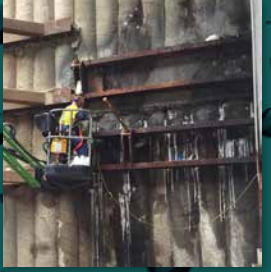
**Basement
Flooding**



**Main Line
& Sewer
Joints**



**Soil
Support**



Injection



**Dams,
Reservoirs
& Water
Tanks**



Avoid costly repairs and minimise operational downtime with PUR-X[®] which is used for the non-structural injection sealing and waterproofing of voids, cracks and joints. Its low viscosity allows good penetration in to the concrete structure to seal the leaks.

PUR-X[®] 100

Polyurethane based, Hydrophobic, Rigid Foam Single component, low viscosity, hydrophobic, water-reactive, rigid polyurethane injection grout designed to cut off gushing water leaks with a high flow rate and/or high hydrostatic pressure. In its uncured form, PUR-X[®] 100 is a dark brown, non-flammable liquid. When it comes in contact with water, the grout expands and quickly* cures to a tough, rigid, closed-cell polyurethane foam that is generally unaffected by corrosive environments. *depending on temperature and the amount of catalyst used.

Used for:

- Leak and/or Crack Sealing
- Mainline & Lateral Grouting
- Manholes
- Soil Stabilising
- Waterproofing



PUR-X[®] 200

Polyurethane based, Hydrophobic, Flexible Foam Single component, low viscosity, hydrophobic, water-reactive, flexible polyurethane injection grout designed to fill and repair joints and leaks in concrete constructions. In its uncured form, PUR-X[®] 200 is a yellow, non-flammable liquid. When it comes in contact with water, the grout expands and quickly* cures to a tough, flexible, closed-cell polyurethane foam that is essentially unaffected by corrosive environments. *depending on temperature and the amount of accelerator used

Used for:

- Leak and/or Crack Sealing
- Mainline & Lateral Grouting
- Manholes
- Waterproofing



PUR-X[®] 300

Polyurethane based, Hydrophilic, Flexible Foam Single component, environmentally safe, low viscosity, hydrophilic injection resin designed for grouting joints or leak repairs in concrete structures. PUR-X[®] 300 is a low viscosity polyurethane injection resin designed for grouting joints or repairing leaks in concrete structures. When coming into contact with water PUR-X[®] 300 expands quickly and cures into a flexible, closed-cell foam that is extremely tough and capable of withstanding extreme thermal cycles of crack movement.

Used for:

- Leak and/or Crack Sealing
- Mainline & Lateral Grouting
- Manholes
- Storm Pipes & Culverts
- Waterproofing



Shrinkage Trials - June 2019

PUR-X[®] Soil

Solvent and phthalate free, water reactive, hydrophobic, one-component low viscosity polyurethane injection resin designed for soil stabilisation.

Used for:

- Leak and/or Crack Sealing
- Soil Stabilising



PUR-X[®] Fill

Medium viscous, dual component, solvent and phthalate free, expansive, polyurethane resin developed for the reduction of large flow high pressure water leaks, for improving and stabilisation of various loose types of soil and filling voids where high compressive strength is required.

Used for:

- Soil Stabilising
- Waterproofing



ACRYL-X[®] is used for the non-structural injection sealing and waterproofing of voids, cracks and joints. It is a non-toxic aqueous solution of acrylic monomers. The reactiontime can be controlled by using an initiator or retarder.

ACRYL-X[®] 1000

Acrylate polymer for injection into concrete structures and soils. Its low viscosity makes it ideal for injection into pores, capillaries, hairline cracks, and honeycombed concrete. Its low surface tension also makes it suitable for penetration into soils, making it an excellent choice for curtain wall grouting. When pumped at a 1:1 ratio, ACRYL-X[®] 1000 cures to a non-toxic elastomeric gel.

Used for:

- Leak and/or Crack Sealing
- Waterproofing



ACRYL-X[®] 2000

Acrylamide free acrylate monomer system designed to stop infiltration in mainline and lateral sewer joints. Its ultra-low viscosity allows for penetration through leaking sewer pipe joints and into the surrounding soil. Its low surface tension also makes it effective for permeation applications such as: tunneling operations, curtain grouting, and support of excavation.

Used for:

- Mainline & Lateral Crouting
- Soil Stabilising
- Waterproofing



ACRYL-X[®] 3000

A unique blend of methacrylic acrylate copolymers that combines the low viscosity of traditional acrylate resins with the elongation and adhesion typically associated with polyurethane resins. Its low viscosity makes it ideal for injection into pores, capillaries, hairline cracks, and honeycombed concrete. ACRYL-X[®] 3000's low surface tension also make it suitable for penetration into soils, making it an excellent choice for curtain wall grouting. Pumped at 1:1, it polymerises to form a resilient, highly elastomeric gel with elongation > 300%

Used for:

- Dams & Resiviors
- Leak and/or Crack Sealing
- Soil Stabilising



Before



After

 Acrylic Resin

 Single Component Product

 Dual Component Product

 All our products are proudly Australian Made

PUR-X® 300 Injection Pro Kit

Avoid costly repairs and minimise operational downtime with PUR-X® 300 which is used for the non-structural injection sealing and waterproofing of voids, cracks and joints. Its low viscosity allows good penetration in to the concrete structure to seal the leaks.

Typical applications of PUR-X® 300 include:

- Cutting off High-pressure / High-waterflow leaks
- Basement waterproofing
- Leaks in diaphragm walls and secant piles
- Stabilisation and water cut-off of large cracks, voids and gravel layers
- Water cut-off of sewer water leaks and sewer stabilisation
- Probe Grouting (injection from the surface) around pipes
- Manhole and sewer pipe waterproofing



PUR-X® 300 Injection Pro Kit

- Single Cylinder Pump, Including Drill
- Injection Lance
- Remote Control Cable
- Couplers (2)
- 10 x 70mm Packers (1 pack of 50)
- PUR-X® 300 (2 x 20kg pails)
- Rubber Gloves and Safety Glasses



Australian Made

Imported

Shrinkage Trials - June 2019

Neoferma injection resins offer the following advantages:

- Australian Made
- High Quality
- Short Lead Times
- Short Manufacture Times
- Smaller Order Quantities Available
- As all our products are made locally we have the ability to make minor changes to the mix designs to be able to offer products ideally matched to your specific application or project requirement.

For sales, service & supplies visit www.neoferma.com

Specialist Construction Systems & Materials

NEOFERMA

Innovation@work

Australia

T: +61 (0)7 5576 4922
F: +61 (0)7 5576 4933
E: sales@neoferma.com

Post: PO Box 324, West Burleigh QLD 4219
NSW: 2 / 3 Adventure Place, Taren Point NSW 2229
QLD: 10 / 4 Flagstone Drive, Burleigh Heads QLD 4220

United Arab Emirates

T: +971 4 4572448
E: sales@neoferma.com
OJBR-AI Bahar 1
33rd Floor, Room 3302
Dubai U.A.E.

Dirk Geraedts
Technical Consultant

Neoferma Australia Pty Ltd

Mob: +971 566 542 986
Email: dirk@neoferma.com