

Potable Lining Terms & Conditions:

The epoxy lining process was developed to minimise the need to expose and replace water supply lines. The process reduces the cost for resultant repairs and reduces the time needed to perform the repairs.

In order for any line to benefit from the epoxy lining process, we need to pump air at high volume (not high pressure) through the water reticulation system. The lines also need to be heated to between 50 and 60 degrees Celsius. A continuous flow of warm air through the pipe system needs to be maintained.

It is important to note that certain restrictions (see below) will only become evident once the system is broken down and air pumped through the lines as the majority of plumbing pipes are concealed and can't be inspected visually.

The following may have an impact during the lining process:

- Restrictions in line diameter due to defective pipe fittings or unconventional plumbing installations. Unconventional plumbing is any installation that does not comply to National building regulations.
- Pipes may have been damaged (flattened) causing flow restrictions.
- Any decrease in diameter where structural inserts were used in conjunction with composite pipe.
- Excessive changes in direction.
- Too many lines branching off from a single supply line of the same diameter.
- Pipe diameter decreasing and increasing on a straight line.
- Concealed valves fitted to the plumbing system.
- Mixer taps having outlets with diameters less than 8mm.
- Concealed flexible braided pipes used in areas intended for hard copper or composite pipes.
- External and internal corrosion to any pipe that may not withstand the drying and cleaning process.
- Any line where copper tubing transfers to composite pipe and the pipe diameter reduces (If we are made aware of these, it reduces the risk of any potential blockages).

- Should any section of pipe have pinholes larger than 2mm the section of pipe may need to be replaced prior to lining. Pre or post cleaning of the lines. (2mm is a very large hole in plumbing terms and the chances are that you repaired this “burst section” of pipe already.)
- Adverse cold weather conditions may demand longer heating times for the pipes to heat up to the required temperature adding to the time needed on site.
- The above items may result in the affected areas having to be exposed and sectional repairs or alterations performed in order to enable the lining process to proceed. Pinholes larger than 2mm may require additional epoxy lining and a second coat may need to be applied should the line fail a pressure test.
- In extreme cases the line may block due to air restrictions or unconventional plumbing not detected prior to lining. The line may need to be exposed and / or replaced.
- Any of the above may result in additional time needed on site to complete the works.
- The additional plumbing works needed to enable the lining process to proceed may incur additional labour and material charges.
- Leakfind employs a permanent staff of plasterers, painters, tilers and carpenters that can tend to the resultant repairs if needed.
- The majority of lining projects are performed due to clients experiencing a loss of water. Once the water supply lines are lined making use of the PipeRenu epoxy method the leaks are stemmed and the pressure in the closed plumbing reticulation system returns to optimum operating pressures. Due to the loss of pressure prior to lining certain maintenance related plumbing issues may have gone unnoticed. Tap washers can start to drip, toilet ball valves may allow water to pass into the toilet bowl, tap stems may leak at the gland nuts and an array of maintenance items could become evident.
- It is important to note that epoxy is not applied to taps, toilet flushing mechanisms or any plumbing item disconnected from the main supply lines. Certain washers and cartridges may start to leak due to the time the water supply was interrupted and these items may have dried out and become hard requiring them to be replaced.
- Should any maintenance plumbing need to be done, labour and materials consumed will be invoiced in addition to the lining quotation.
- Should spare parts not be immediately obtainable from the plumbing suppliers used by Leakfind (On-Tap / Plumblink / Builders Warehouse), the parts may need to be ordered.
- If parts are no longer obtainable from either of the aforementioned suppliers, total replacement of the units the parts are intended for may need to be considered. The client’s assistance may be required with a choice of replacement.

Preparation by the client:

- The water supply to the lines being lined will be turned off for the duration of the project. Should parts of the property not be lined, we will leave the water supply on to this section providing the supplies to the separate sections can be isolated separately without extensive plumbing alterations.
- It remains the client's responsibility to ensure all vanity units, sink cupboards and any storage spaces where the air hoses are connected to the plumbing system are cleared out.
- All loose items (towels, ornaments etc.) to be removed from the bathrooms. Kitchen sink cupboards and laundry rooms to be emptied of free-standing items too.
- Leakfind will provide floor and wall protection where needed. Due to trip and slip hazards we opt not to cover all areas where works are to be undertaken. Should you require additional floor protection to be applied kindly inform us prior to the starting date of the project.
- The lining process is carried out by a small trained team (2 to 4 technicians per team).
- We require two parking areas as close as possible to the property (one truck/van and one compressor). Please note the compressor does generate a certain level of noise together with the equipment needed to purify the air used in the lining process.
- We will endeavour in all circumstances to keep such noise to a reasonable level taking into regard the nature of the work to be undertaken.
- We assume all permissions were obtained and granted if needed from any Body Corporate or Housing Association to perform the quoted works and gain access to the property. Normal working hours of 09:00am till 18:00pm applies.
- Quotations are compiled from information gathered at the time of the site inspection.
- Should any plumbing lines form part of the closed plumbing systems not included in the quotation but form part of the system that will be lined, the standard cost to line these extra lines will be added to the final invoice, subsequent to obtaining the client's necessary approval.
- The completion date might be extended to allow for the extra works.
- Leakfind warrants every new or reconditioned part installed during any repair or maintenance work, and the labour required installing it, for a period of three months after date of installation or such longer period as the original manufacturer may specify in writing.

- The warranty will be void if the client has subjected the part, or the goods or the property in which it was installed, to misuse and abuse and if the part or goods was worked on/opened or covered over by someone else other than Leakfind.
- The warranty will be void if the client has failed to use repaired goods in accordance with the instructions and specifications of Leakfind.
- The warranty does not apply to ordinary wear and tear, having regard to the circumstances in which the goods are intended to be used.
- Quotations are valid for 30 days and subject to a 60% deposit.
- The balance to be settled within 48 hours of final invoice. Any work in addition to the pipe lining works will be quoted for separately and invoiced separately.
- Leakfind reserves the right to recover interest costs incurred as a result of late payment.
- Should the works be stopped for any reason outside the control of Leakfind, all works completed to date will be invoiced and any outstanding funds be settled by the client prior to further work commencement.
- All bookings will be confirmed on receipt of proof of payment and is on a first paid, first served basis.
- A cancellation fee of 50% of the total contract value will be charged for any cancellation made within 2 days of the works commencement date.

Blockages caused by lining:

- We understand one of the primary motivations for lining is to minimise chopping open of wall and floor surfaces, to reduce excavation and matching of surfaces, however there may be instances where the unforeseen and unplanned need arises to chop open. There can be anomalies in the reticulation system not detected in the initial diagnostics resulting in excavation. Where possible Leakfind will minimise the disruption but will under no circumstances be liable for any costs related to the opening, closing or cosmetic matching of surfaces.

Thank you very much for considering Leakfind for your pipe relining project. We can assure you that you are in the best hands with Leakfind. We are the industry leaders in the field of PipeRenu pipe relining and we have been successfully relining homes and buildings since 2013. We have many references which we can make available to you including the Castle of Good Hope.

We were the first company in the Western Cape to introduce PipeRenu to the market and we have more than 6 years on any of our competitors in the Western Cape.

Leakfind has been in business since 2002 and offer a one stop service including the following services:

- General plumbing
- Leak Detection using tracer gas, infrared and acoustic technology
- PipeRenu Pipe relining technology specialists
- Drain cleaning
- Liquid Waste Management
- Drain and pipe CCTV camera inspections
- Resultant damage repairs including building works, painting, tiling and skimming