

The Alderson® Portable Sander **in a Nutshell.**

- The Alderson® sander has been designed, manufactured and assembled in New Zealand.
- It is based on a unique design that is in the process of gaining international patent protection.
- The unique design incorporates high speed waterproof discs with water flow to keep the disc and the sanding surface cool which also prevents the disc from clogging.
- The sanding/surface preparation now has proven time and thus cost efficiencies over all other traditional sanding methods.
- This superior efficiency means that Trades people can now move away from quoting jobs based entirely on time. They can now quote on a fixed cost basis using normal time estimates safe in the knowledge that with the Alderson® sander they will be at least 4 to 8 times faster resulting in a very, very comfortable profit. And, no comebacks to remedy blisters.
- The Alderson® sanding machine has been designed to be used in conjunction with water. It is the water that significantly reduces the frictional heat build-up that damages the paint substrate which is often invisible after sanding – especially when sanding water based painted surfaces. The damage results in blisters forming under the substrate paint and these blisters often don't become obvious until the surface has been repainted. The use of water virtually eliminates clogging. Clogged paper also contributes to heat build-up. So this machine extends the life of its abrasive paper and significantly reduces the time it takes to prepare a surface for painting. The machine can also be used in wet conditions and it also eliminates the need for pre-sanding preparation such as water blasting and wiping the surface dry before dry sanding.
- Used in conjunction with our “Enviromat” it is the safest system for the removal of lead based painted surfaces. There is no lead based dust and the sanded lead particles are safely collected in the Enviromat with the water passing through the mat.

Features Summary

- Water prevents heat build-up causing substrate damage.
- Water eliminates clogging.
- Water means no dust to interfere with washing on the line or cars parked nearby.
- There is no need for power cables so trades people don't need access to the property.
- Water means you don't need to water blast first.
- Water means that the abrasive discs last much longer – 2 Single Sided - 60g discs per side for an average sized house.
- Water and no electrical leads means surface preparation can be done on a rainy day.
- Water with the Alderson® sander means that the slurry from lead based paints can easily be collected using an Alderson Enviromat.
- No masks or vacuum cleaner bags are required.
- Recommended by the New Zealand Master Painters as the system to be used for the removal of lead based painted surfaces.

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