

FAQ'S

How many repairs should I get out of my 2ml and 5ml resin bottle?

Each repair uses 0.2ml of resin, which is measured in the syringe included with your resin pack. Allowing for a little excess, we believe that you should be able to get 8-10 repairs out of your 2ml bottle and 18-20 out of your 5ml bottle. If you're not getting this many repairs, check out a few things;

Am I measuring 0.2ml on the syringe carefully?

Is there resin on the screen after the repair – this usually means that excess has overflowed.

What can I reuse in my Esprit resin pack?

The injectors, syringes and needles are all designed to be cleaned and reused. You can also clean and reuse the UV film. To clean injectors, syringes and needles, simply use a piece of paper towel, push it inside the injector/syringe and work it through. The UV film can be simply wiped clean. Don't use any cleaning products or even water as this can affect your next repair. Clean as soon as you've finished doing the repair, and your items should last for 20+ repairs.

How should I use the drill?

The drill is used to clean debris and fragments of glass from the impact crater before you start work on it, meaning that resin can more fully penetrate the repair and provide a better result. Wearing your safety glasses, tilt the drill and rest your hand on the screen, and the drill on your hand. Use small motions to clean the crater. Make sure you don't press too hard as you don't want to hit the laminate.

What should I know about repairing in the heat or the sunshine?

If you're repairing outside on a warm day, the important thing to take into account is that your resin will start to cure more quickly, both in the bottle when you open it, and on the screen.

If the car has been parked in the full sun, move it to a shady area to cool down.

Keep the resin inside or undercover for as long as possible and keep the bottle closed until you're ready to use it.

A UV shield is included in your kit, which prevents premature curing of the resin.

Also, remember to close your resin bottle and store it away from heat and sun as soon as you have removed the resin from it.

What should I know about repairing in cold weather?

Once you have prepared the repair and are ready to inject the resin, use your Esprit heater to warm the screen. Heating the screen ensures that the resin can fully penetrate all the tiny cracks, meaning that the repair is strong all the way through. Using the Esprit heater means that the screen doesn't get over hot. If the screen overheats (e.g. if you use a lighter), the cracks can actually fuse together and close, meaning that the resin can't penetrate fully. The Esprit heater won't get too hot, so apply that to the screen and test with the back of your hand. When it's skin temperature, you're ready to apply the resin.

What can I do to protect the bonnet of the car while I'm doing the repair?

If resin comes into contact with paint, it could damage it if not removed promptly. You can, therefore, purchase an Esprit branded bonnet cover which will protect the car, and looks really professional too.

How can I make sure I use the right amount of resin per repair?

Your resin pack comes with a syringe which is labelled with 0.2ml of resin. This is the correct amount for your repair. Place the syringe lightly into the bottle – don't jab it in deeply as this will break the seal and resin will leak out. Lightly place it in and then turn the bottle upside down and pull the syringe insert back to 0.4ml. Then push the insert back to 0.2ml. This makes sure that no air gets into the resin, and then the break.

What do I use the torch for?

The torch is used for inspecting the repair throughout the repair process. The green lens on the torch shows up air bubbles in the area around the repair clearer than checking with the naked eye. You can, therefore, check whether another cycle of injection pressure is needed, or whether the repair is finished.

Where can I carry out repairs on the screen?

Your kit contains a plastic graphic, showing the size of repairs that can safely be carried out on different parts of the screen.

What resin is used in windscreen repair?

Commercial windscreen repair systems use a special acrylic resin to repair small chips and cracks. The resin is cured using ultraviolet light to increase the strength and optical performance of the glass.

Esprit windscreen resin is specially designed to stay stronger for longer. It has achieved the BS AU 251:1994 Class A British compliance standard as well as the AS/NZ 2366:1999 Category C Australia and New Zealand standard.

What is the best windscreen repair kit?

There are two main types of windscreen repair kits, commercial and domestic kits. Cheap domestic kits can minimise the appearance of chips and cracks, but they do not offer the same repair quality as commercial kits.

Esprit supplies a range of commercial windscreen repair kits for garages, technicians and other professionals. The Elite Dual Voltage Kit is the most popular choice for professionals. With two different power options for indoor and outdoor repairs, it includes everything you need to offer a windscreen repair service.

Esprit's Classic Dual Voltage Kit is also very popular. This kit is slightly cheaper and includes everything in the elite kit, but the Elite has an updated repair bridge that makes it easier to operate.

The range also includes two compact kits with single power sources. The Compact Elite and Compact Classic Kits are 12V only kits suitable for occasional repairers.

Can you repair a cracked windscreen?

Commercial windscreen repair kits can repair chips and small windscreen cracks. The maximum size for a crack is about 40mm.

How long does windscreen resin take to cure?

Some windscreen resins will cure faster than others. Esprit's Commercial Windscreen Repair Kits cure resin using ultraviolet light. The Esprit Elite Dual Voltage Kit has a new LED lamp that cures in 75 seconds, one of the quickest on the market.