

elcometer®

# ElcoPatch™

Repair coating flaws quickly,  
reliably & consistently



[www.elcopatch.com](http://www.elcopatch.com)

ElcoPatch™ ensures a consistent method of high quality repair to assure asset owners and contractors.

■ **Consistent Results**

A simple design ensures high quality repairs every time.

■ **Save Money**

Wastage is reduced by only using the coating you need.

■ **Save Time**

Quality repairs in minutes.

■ **Easy to Use**

ElcoPatch™ makes repairing coating flaws simple, repeatable and reproducible.

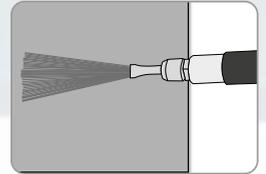


# ElcoPatch™ makes repairing coating flaws simple and consistent for long term protection

The ElcoPatch™ kit comes with everything you need to repair flaws - ideal for use with most approved coatings in 50ml (1.8oz) tubes.

## Identify the pinhole using a holiday detector and mark up

Using a holiday or a pinhole detector flaws can be identified on protective coatings on pipelines, tank linings, water/waste water distribution lines, ballast tanks and other structures in the field. Once identified they should be marked up to be repaired.



Identify the pinhole using a holiday detector and mark up.

## Add abrasion ring then abrade

Place the magnetic or non-magnetic abrasion ring around the marked up flaw, and then abrade the surface using the abrasion tool. The abrasion tool comes with replaceable hook & loop abrasive pads, so when the abrasive pad wears out you can replace it with a new one.

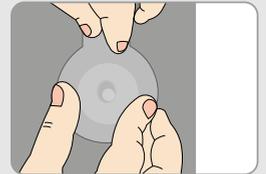


Roughen the surface & wipe clean.

## Remove abrasion ring, wipe clean and then apply the ElcoPatch™

Once the surface has been prepared, remove the abrasion ring together with any debris from the area using the wipes provided.

To apply the ElcoPatch™\* remove the adhesive backing and stick it firmly to the surface, ensuring the area you have abraded lines up with the centre of the ElcoPatch™.



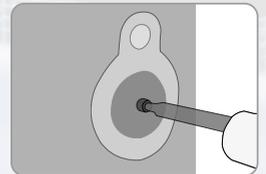
Apply the patch.

## Inject the coating and allow it to cure

Slowly inject the coating into the ElcoPatch™ using the manual coating applicator until the coating flows out of the four overflow holes. Wipe away any excess coating, and then leave to cure.

Once the coating has cured, peel the ElcoPatch™ away from the substrate, revealing the repaired coating.

For consistent high quality repairs repeat the process on all your coating flaws.



Inject the coating and allow to cure.



Remove the patch.

The ElcoPatch™ kits are suitable for use on metal and non-metal substrates.

Both the standard and heated kits are supplied with everything you require to repair your coating flaws - just add the coating.



### Technical Specification

Part Number	Description
D165-S	Elcometer 165 Holiday Repair Kit - Standard
D165-H	Elcometer 165 Holiday Repair Kit - Heated
T16531775	Elcometer 165 ElcoPatch™ (x 20)
T16531775-50	Elcometer 165 ElcoPatch™; 50 Packs of 20
T16531783	Elcometer 165 Abrasion Tool (x 2)
T16531784	Elcometer 165 Abrasive Pads (x 10)
T16531785	Elcometer 165 Magnetic Abrasion Ring (x 2)
T16531786	Elcometer 165 Abrasion Ring (x 2)
T16531821	Elcometer 165 Heater Kit (including heater pouch, batteries (x 2) and charger
T16531787	Cleaning Wipes; Pack of 60
T16531788	Manual Applicator to suit 50ml (1.7fl oz) Cartridge <sup>1</sup> 1:1/2:1 Ratio
T16531789	Static Mixer Nozzle - 5.3mm x 16EL Luer Connection (x 20)
Packing List	Elcometer 165 Holiday Repair Kit: ElcoPatch™ x 20, Abrasion Tool x 2, Abrasive Pads x10, Abrasion Ring x 2, Magnetic Abrasion Ring x 2, Heater Kit <sup>2</sup> , Cleaning Wipes Pack of 60, Manual Applicator, Static Mixer Nozzle - 5.3mm x 16EL Luer Pack of 20, Operating Instructions, Carry case and Wrist Strap

1 Not supplied

2 Supplied with Elcometer 165 Holiday Repair Kit - Heated only