

# project 4

## Using MetaPrep Ultra to speed up the plating process.

This project demonstrates two techniques;

- How MetaPrep Ultra can save you considerable time by replacing the electronic cleaning and activating stage.
- How to polish a mobile phone, turning it from matt to shiny.

**1 What you will need**  
Instead of your usual bottles of cleaner and activator, all you will need is MetaPrep Ultra, Gold Plating Solution and MetaSeal. For the removal of the matt surface, you will need a stitched mop with a green bar of polish and a loose leaf mop with a blue bar of polish.



**2 Machine polishing**  
Begin by removing the matt surface of the mobile phone cover with the stitched mop, loaded with the green polish. For the final buffing, use the loose leaf mop and the blue polish.



### Buffing wheel safety

- Use goggles and gloves
- No loose clothing, hair or jewellery

**3 Cleaning**  
Use lighter fluid to remove the buffing wheel polish, then all you need do is prepare for plating by rubbing with MetaPrep Ultra. Use paper towels for this, rather than the usual cotton wool pads. When you have finished with the MetaPrep Ultra, buff up to a high shine with a clean paper towel.

*Lighter fluid is highly flammable - handle with care!*



### 4 Gold plating - 6 volts

Because you have used the MetaPrep Ultra, you will find the plating stage a breeze, as all you will need is one tray and one red lead, instead of the normal three.

Just hold the clip against the underside of your work rather than gripping it, as this will avoid marks appearing on the surface.



*Hold the clip to the underside of your work.*

**5 Finishing**  
After gold plating the cover, finish with MetaSeal.

