

EC coating

Electrodeposition, which is the correct term for this process (for short EC, KLT), is a process used as barrier protection and as a topcoat on components used both in interior and exterior environments. It is a thin coating that is applied by dipping and has excellent covering properties.

Together with zinc manganese phosphate as a base, it provides incredibly good corrosion protection that can be strengthened with powder coating.

If the components are not subjected to sunlight, an EC coating can be used completely on its own.

Suitable application areas

Can be applied on steel, aluminium, castings, etc.

Such as sheet metal, pipes, vehicle chassis and construction machinery parts

Properties

Contributes to a more sustainable life cycle for your product.

EC has very good penetration capacity in geometrically complex components.

This makes it perfect for even partially closed components where aesthetics are important.

It has high corrosion performance and forms extremely even layers of 15–25µm.

The application temperature range is < +200°C.

Corrosion Performance

General corrosion < Ri2 VOLVO STD 121-0001 / Y600-1.

Also complies with Y600-2 and Y600-3.

Complies with the ELV and RoHS directives.

Appearance

Satin black finish



EC IS A COATING
THAT COVERS
EVERYTHING



Scan the QR-code or visit protonfinishing.com if you want to know more about our surface treatments, our sustainability initiatives or our facilities.

Do you have an RFQ? Please email : sales.finishing@protonfinishing.com