

Plascoat PPA571, PPA571H PPA571ES and PPA 571HES

Over-spraying with Thermosets

Plascoat PPA571 can be successfully over-sprayed with thermosets such as polyesters, epoxy polyesters and epoxies. These materials will stick very well to PPA571 provided that the PPA571 has not been over-heated.

It is best practice to apply the thermosets when the PPA571 is at a temperature of around 120°C (250°F) to 160°C (370°F). If the PPA571 is too cold it can be difficult to apply enough of the thermoset to form a decent film and if the PPA571 is too hot the thermoset powder 'floats' on the surface of the PPA571 and a spotty finish is often obtained.

Once the thermoset powder has been applied it should be cured using the normal curing schedule recommended by the suppliers.

If the PPA571 is re-heated from cold then this can result in poorer adhesion between PPA571 and the thermoset overcoat. It is best to overspray with the thermoset powder after the PPA571 has been applied and has cooled to between 120 and 160°C (250 and 370°F).