



Powdercoat Process

At first the steel is garnet blasted to create a profile on the surface. The parts are then preheated to 400 degrees, and then the first coat of 3m scotch coat 134 is applied, at approximately 4-6 mils. The part is then re-entered into the oven once again at 400 degrees to fully gel the epoxy coating. Then it is brought out and a full coat of polyester powder is electro-statically applied. Once it is fully coated it is then reentered into the oven, again at 400 degrees for approximately 30 min to fully cure the powder to the substrate. The part is then removed from the oven to cool down and it is complete.