

Powder coating defects pdf


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For further questions or inquiries drop us a line at coatingsinfo@ A GUIDE TO APPLYING POWDER COATINGS39 Powder moist Use dry powder; Check for condensation (temperature difference from powder storage area to coating area), Check air filter and moisture traps in compressed air system Craters Problem: Defect – blank area in the powder coat, which extends all the way to the substrate (diameter up tomm) Spatter will cause a blemish Missing: pdf During the spray process, there can be issues with the flakes sticking to the end of the gun. Prevention: Use correct coating systems, application techniques, and dry-film thicknesses. Process controls should be implemented upstream of the coating line to prevent a defective substrate from entering the line Additional sources of information on powder coating defects and how to avoid them: Troubleshooting Guide to Powder Coating (pdf) by Tiger Drylac Related Resources During the spray process, there can be issues with the flakes sticking to the end of the gun. HUI measures thickness at two different stages during Powder moist Use dry powder; Check for condensation (temperature difference from powder storage area to coating area), Check air filter and moisture traps in The thicker the paint film, the greater the possibility it will crack. It is hard to withhold a scream of rage when, right in the middle of an application, your gun spits out a wad of powder and ruins an otherwise good coating. Alternatively, use a more flexible coating systemThe formation of small bowl-shaped depressions in the paint film Powder coating surface defects result in rejects. Keep a sharp eye out for this, and stop and clean the gun when needed. Rejects from coating lines can come from a substrate defect, a surface contaminant or a coating material defect. This group of issues is definitely what one might define as a pain in theSee more A common occurrence in welding is the creation of droplets of molten material that are generated at (or near) the welding arc called “spatter”. Keep a sharp eye out for this, and stop and clean the gun when needed. For further To achieve the best coating performance, each powder has a specified thickness range within which it must be applied. Likewise, it is blindingly frustrating when your gun surges with a sudden influx of powder.

 Difficulté Facile

 Durée 407 minute(s)

 Catégories Machines & Outils, Robotique, Science & Biologie

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