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Powder coating is a specialized coating type that is usually referred to as paint in the form of powder. This particular coating type is applied as a dry powder and is mostly used in cases where a decorative, but hard paint finish is sought. The powder usually is categorized in the types of thermoset polymer and thermoplastic. The coating is usually applied via things that are enabling of holding onto electrical charge followed by a cure that is usually undertaken in a huge industrial oven at 200 degrees.

Application of the Coating:

The coat is usually applied on both interior and exterior items that include fencing and architecture. Powder coating, which can also be applied over galvanized steel usually, leaves an unattractive and rough finish. To receive a smoother finish, it is advisable that you choose thermal spray, an ideal alternative to galvanizing. Thermal spray ensures a uniform and flat surface that allows the coating to stick to the surface. This particular coating type is resistant to extreme environmental conditions.

Advantages of Powder Coating:

Powder coating features several advantages that often offer it an edge over conventional paint. Here is a look at the advantages of the coating type:

- â€¢ Does not emit volatile organic compounds (VOC)
- â€¢ Powder coating also does not contain any solvent
- â€¢ It exhibits less difference between a vertically and horizontally coated surface
- â€¢ The operating costs and the capital resources required for the powder line is also less
- â€¢ Is suitable to produce coatings that is thicker without the hassle of sagging or running
- â€¢ A varied range of specialty effects is usually achievable with this particular coating type
- â€¢ The production line of the coating type produces less waste, especially the hazardous ones
- â€¢ The coating overspray is recyclable, which makes a 100 percent use of the coating possible

Types of Powder Coating:

As said earlier, powder coating is categorized into two main types that are thermoplastic and thermosets. The Thermoplastic type need not undertake any further reactions during the baking process and flows onto the final coating; whereas the thermosetting type reacts with other chemical group in the powder to form a polymerize effect enhancing the performance of the properties. The most used polymers in powder coating include polyurethane, straight epoxy, polyester-epoxy and acrylics.

Removal of Powder Coating :

In any case, if you might not be satisfied with the powder coating result then, you can use

Methylene chloride to remove the coat. This particular solvent is considered to offer the desired and effective result, as to other organic solvents like, thinners or acetone. The coat can also be removed via abrasive blasting.

Powder Coating in London / Powder Coating in Kent:

Searching for powder coating specialists in London or Kent is no hard task. All, you need to do is conduct an online search with the keywords "powder coating in London"™ or "powder coating in Kent" come up with multiple results. Specialists in London and Kent are known to offer proper powder coating specifications catering to your needs and suiting your interest.

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