POWDER COATING

HOW DOES IT WORK?
WHY IS IT BETTER?

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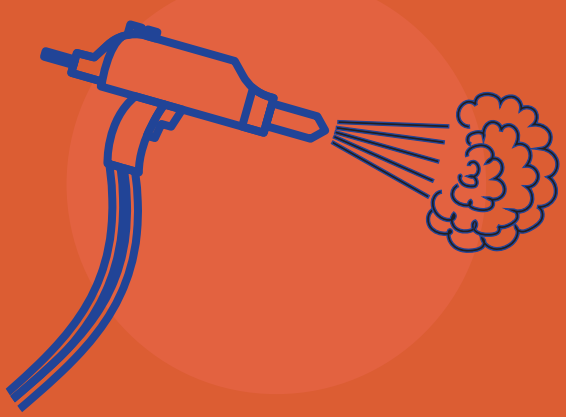
THE PROCESS

STEP 1 Preparation

Metal is pre-treated to make it receptive to powder. It is either prepared through abrasion (sandblasting) or chemical treatment.



STEP 2 Application

Each part is electromagnetically charged by passing electricity through it. The powder, which has the opposite charge, adheres to the prepared metal surface.

STEP 3 Curing

Once the dry powder adheres to the part, it is baked in an oven, which liquifies the powder and causes permanent adhesion. Powder coated products dry quickly, and most can be put into service within one hour.

FIVE REASONS POWDER COATING IS BETTER THAN PAINTING

1 Powder coating is better for the environment. It produces 99% fewer volatile organic compounds (VOCs) or hazardous air pollutants.

2 Over 75% of powder coating spray adheres to the metal. Powder coating that doesn't adhere to the part can be reclaimed and recycled. Liquid paint can't be recycled. Also, powder coated surfaces are more durable and resistant to impacts and scuffing.

3 Powder coating provides superior adhesion when compared to its liquid paint competition.

4 Powder coating provides a more consistent, even coating than liquid paint. The parts just look better. Everything from industrial equipment to sub-components and automotive parts simply look better when powder coated.

5 Most powder coat applications only require one coat of paint, which saves both time and money.

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