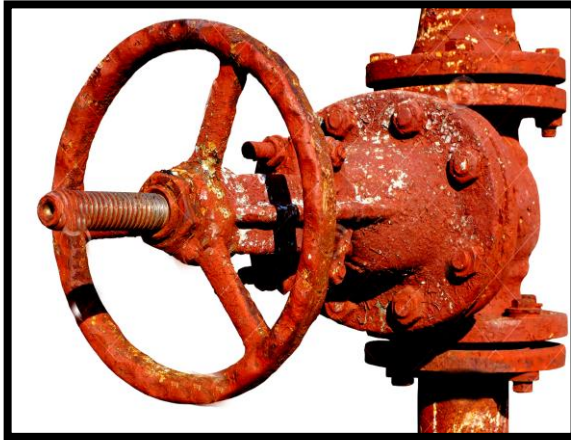


# VALCOAT POWDER COATINGS FOR VALVES & FITTINGS

Rapid VALCOAT is a special powder coating that provides excellent Corrosion protection of Valves & Fittings. VALVE COATrange is suitable for both valves & fitting manufacturing from cast iron or steel. It is Hygienic and Environment friendly coating. It is designed to meet the requirements of application by electrostatic spraying or dip coating.

**REGULAR PAINT**



**WITH VALCOAT POWDER COATINGS**



## Overview:

Valves operating service require enhanced durability and corrosion resistance.

## Benefits:

- Electrostatic spray grade powder utilising commonly used powder coating equipment and infrastructure.
- Excellent corrosion protection properties.
- Coating cannot be easily removed or damaged.
- Coating is highly resistant to water and chemicals.
- Coating is hygienic & environment friendly.

## Application Areas:

This product finds usage in the parts of water & gas distribution network.

**Plant & Corporate Office**  
A-11/1 Site-IV  
Link Road  
Sahibabad – 201010 U.P.  
India  
Tel.- +91-120-4041600  
Fax- +91-120-4041601  
[www.rapidcoat.com](http://www.rapidcoat.com)  
[mail@rapidcoat.com](mailto:mail@rapidcoat.com)

**Mumbai Office**  
Tel.- +91-22-28508438  
[mumbai@rapidcoat.com](mailto:mumbai@rapidcoat.com)

We also offer coating powders which are  
Non-Hazardous, TGIC-Free, ROHS & REACH Compliant

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[mail@rapidcoat.com](mailto:mail@rapidcoat.com)

**Mumbai Office**  
Tel.- +91-22-28508438  
[mumbai@rapidcoat.com](mailto:mumbai@rapidcoat.com)

## Powder Properties Standard:

Specific Gravity	1.6±0.1
Particle Size Distribution (Alpine Sieve)	
% below 32 microns	30-40
% below 63 microns	70-80
% below 100 microns	80-90
% below 150 microns	100
Storage Stability	6 Months@ 23°C

## Application of Powder:

The surface area of the component must be clean and free from grease, rust and other contamination. Preheat article to a metal temperature of 220°C. Apply powder using either electrostatic spray guns or dip coat using a fluidized powder bath. The powder will melt, flow and cure within 180 seconds (3 minutes). To achieve a higher thickness, increase pre-heating temperature and/or increase spraying / dipping time.

## Test Condition:

The results of mechanical & chemical tests given below were conducted under laboratory conditions and are given for guidance only. Actual product performance depends upon the circumstances under which the product is used. Tested substrate thickness 0.6mm. Recommended film thickness is 350±50 microns.

## Properties of Film:

Film Properties	Method	Observations
Impact strength	ASTMD-2794-69	50 Kg-Cm @ 100 μ
Pencil Hardness	ASTMD-3363	H
Adhesion	ASTMD-3359	GT-0
Gloss at 60° Head	ASTMD-523	85±5%
Neutral Salt Fog Test	ASTMB-117	No change within 1000 hours
External Appearance	VISUAL	Smooth

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