

# WHITE BOARD / ANTI-GRAFFITI POWDER COATINGS

**Rapid ANTI-GRAFFITI COAT** is a special powder coating that provides excellent properties in resistance to abrasion damage and allowing rapid removal of graffiti by a recommended solvent wipe of 1-2 rubs. Rapid **ANTI-GRAFFITI COAT** range is suitable for both exterior and interior exposure environments. It is designed to meet the requirements of application by electrostatic spraying or dip coating.



## Overview:

Graffiti continues to be a major concern of municipal authorities and public service companies worldwide. Huge sums of money are spent every year to remove graffiti from public facilities like buses, trains, metros etc. In addition to graffiti, these coatings are also used on applications such as whiteboards / classroom instruction boards and furniture.

## Advantage:

1. Easily remove most form of graffiti & coloured writing
2. Possibility to clean several times without change in gloss & colour.
3. Single coat system. No need for a top / clear / lacquer coat.
4. High surface hardness. High abrasion resistance
5. Resistance to external weather conditions
6. Outstanding solvent & chemical resistance
7. High mechanical properties
8. Less waste and pollution to the environment compared to other coating systems

## Application Areas:

This product finds usage in two main applications: 1. Platform signage, train component, bus shelters, security lockers, telephone boxes, road signage. 2. Whiteboards and other metal based furniture for industry & school.



**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

# WHITE BOARD / ANTI-GRAFFITI POWDER COATINGS

**Rapid ANTI-GRAFFITCOAT** is a special IPDI cured polyester powder coating that provides excellent properties in resistance to abrasion damage and allowing rapid removal of graffiti by a recommended solvent wipe of 1-2 rubs. **Rapid ANTI-GRAFFITCOAT** range is suitable for both exterior and interior exposure environments. Its designed to meet the requirements of application by electrostatic spraying or dip coating.

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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

Specific Gravity:  
Particle Size Distribution  
( Alpine Sieve)  
% Below 32 microns  
% Below 63 microns  
% Below 100 microns  
Storage Stability:

## Standard

1.6±0.1  
  
30-40  
80-90  
95-98  
6 Month @ <30°c

## Application of powder

**Pre-treatment:** The overall quality of the coating system is largely dependent on the type and quality of the pre-treatment. The recommended types of pre-treatments for substrate are:

### Substrate

Aluminium  
Mild Steel

### Indoor application

Cleaning/Degreasing  
Iron Phosphate

### Outdoor application

Chromate conversion  
Zinc Phosphate  
By electrostatic spray gun.  
180°c/10  
80-100 micron

Powder application  
Baking Schedule (°C/Minute, E.M.T.)  
Coating Thickness

## Properties of Film

### Film Properties:

Impact strength  
Pencil Hardness  
Adhesion  
Gloss at 60° Head  
Salt Spray Test  
100% Humidity at 30°c  
10% Acetic Acid  
10% HCl  
10 % NH<sub>4</sub>OH  
QUV Accelerated Weathering  
test (QUV A-340)  
Packing

### Method

ASTM-D-2794-69  
ASTM-D-3363  
ASTM-D-3359  
ASTM-D-523  
ASTM-B-117  
ASTM-D-2247

### Observations

100Kg-Cm @ 100 μ  
4H  
GT-0  
90±2%  
No change within 200 hours  
1000 Hours  
100 Hours  
100 Hours  
100 Hours  
  
500 hrs.  
Double Polythene Bags and outer side

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