

NATIONAL PAINT INDUSTRIES

— FREQUENTLY ASKED QUESTIONS —

PREPARATION

1 Why should I perform pretreatment precautions before starting my projects?

It enhances coating adhesion and reduces the rate of surface corrosion.

2 What is your surface preparation for your industrial enamels?

Pressure wash the surface to remove all loose paint, dirt, oils, and grease. Then, abrade with 240 grit dry sandpaper or equivalent. Follow by a wipe down with solvent to remove all sanding residue. Finish by priming with Rust No More or Jetcote Primer.

3 How can I be sure my surface is dry prior to painting with a solvent base paint?

We recommend that you tape clear plastic on the surface. Then, if no condensation shows, then the surface is dry and ready for overcoating.

4 What is needed for yearly repainting of my surface?

Scrub the surface, and repaint only if old paint is sound and tight. If not, remove it by sanding or with paint remover. If old paint is rough, sand it with 100-150 grit sandpaper.

APPLICATION

5 What are some common uses for industrial coatings?

The most common use of industrial coatings is for corrosion control of steel, coating of aluminum and coating wood exposed to the weathering. The most common industrial coatings are alkyd bases, polyurethanes, epoxies, acrylics, and moisture cure urethanes.

6 Do I need a primer with industrial coatings?

A typical coating system includes a primer and a top coat. The polymer film acts as a physical barrier between the steel substrate and the corrosive environment to combat weathering, moisture & soil.

7 At what temperature can I use your industrial coatings?

Our industrial coating are recommended to be used if the material, substrate, or ambient temperature is between 50°F to 95°F.

8 What is the recommended dry film thickness?

4 – 6 mils (2-3 coats) is the recommended dry film thickness

9 How much coverage can I get out of a gallon of paint?

The coverage at two mils dry, is 400 square feet per gallon

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What is the average dry time of your industrial enamels?

At 75°F average dry time is approximately 4 hours

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How do you apply your industrial enamels?

It should be applied by a roller coat, spray, or brush.

PRODUCT

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What is industrial paint?

An industrial coating is a paint or coating defined by its protective, as well as its aesthetic properties.

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What are solvent-born primers and Topcoats, like DURASHIELD for example, best used for?

Can be used on an exterior, interior, and anywhere a rugged industrial coating is needed

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What are water-born primers and Topcoats, like AQUASHIELD for example, best used for?

Low VOC applications, where flammability and exposure issues are critical, or compatibility of existing coatings is suspect.

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What are urethane coatings, like URAGLOW, best used for?

It can be used on utility and maintenance vehicles, farm and construction equipment, electrical machinery, refrigeration and heating equipment and general industrial machinery, and also as a coating for vessels, tanks and cylinders.

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Why should I use EPOXY GUARD?

It is an ideal choice for applications requiring corrosion resistance, good chemical and mechanical properties, good adhesion and all in a 1-part epoxy fortified industrial enamel.

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Why should I use DURASHIELD Heavy Duty Industrial Enamel?

Our polyurethane technology increases it's durability. It resists rust, chipping, fading and chalking. It maintains its excellent brilliant look and is super tough against weathering, UV sun-rays, and heavy use.

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Why should I use JETCOTE Heavy Duty Industrial Primer?

Our premium one-part industrial primer is designed for all applications of steel, wood and masonry. It is formulated especially as a heavy duty protective and decorative primer to withstand severe exposure.

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Why should I use SPEEDY DRY DTM Acrylic Enamel?

Its fast drying direct to metal coating formula, allows for applications requiring minimal downtime.

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Why should I use PLATINUM SUPER HIGH GLOSS CLEAR FINISH?

Platinum Super High Gloss clear is a moisture cure urethane that is tough as nails as an overcoat to all industrial enamels for super added clear protection.

21 Why should I use NON-SLIP ADDITIVE?

It makes any floor a Non-Skid Surface. It can be put directly into paint or "Broadcast" over the wet surface for exceptional customization.

22 What colors are the products available in?

We have over 30 factory packaged colors available, as well as 1000 mixed colors available

23 What shine is the finish?

Gloss finish for the most part, with White & Black available in semi-gloss & flat as well.

24 Do these products meet the VOC standards?

Yes, all coatings meet VOC guidelines for industrial coatings.

25 What do your industrial enamels resist?

Our industrial enamels are chemical resistant, great against abrasion, oils, grease, rust, corrosion, mildew, chipping, and fading.

26 What is the safety information I need to use your products properly?

May affect the brain or nervous system causing dizziness, headache, or nausea. Causes eye, nose, throat, or skin irritation. Keep away from heat and flame. Avoid breathing vapors or spray mist. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area. If continued difficulty, seek medical attention immediately. Close container after each use. Avoid contact with skin.

COMPATIBILITY

27 Can I put a two-part paint over a one-part paint?

In general, you should only put a two-part paint over a two-part primer or a two-part paint. A one-part paint can be applied over either a one or two-part paint.

28 Can your products overcoat different brands?

Our products can over coat other brands, as long as the technologies are the same. Example: Alkyds over alkyds, epoxy over epoxy, urethane over urethane, etc.

MIXING/THINNING

29 What is the recommended reducer for your enamels?

If it is a spray application then use Thinner 975 (Xylene), if it is a brushing or rolling application use Thinner 974 (Hi Flash Naphtha).

30 Can I change the color of paint in the can?

The only way we recommend changing the color of our paints is to mix like paints, ie. Mixing Mega Gloss with Mega Gloss. We do not recommend addition of "universal" tints or pigments into our products.

31 Are your paints tintable?

Yes, as long as you use universal oil-based tints.