



POWDER COATING

Frequently Asked Questions

INTRODUCTION

When purchasing durable goods for your agency or organization, there are many options available, including what color to choose. Yet when picking out the color of the desk or cabinet, one commonly overlooks another option – how the product is finished. Typically these products are painted with solvent-based paints. However, there is an environmentally friendly alternative – products that are powder coated. The Office of Technical Assistance has put together this FAQ sheet to help you understand the benefits of purchasing powder coated products and identify where these products may be purchased.

What is powder coating?

Powder coating is a “dry paint” application of color that substitutes solvent-based painting. The powder used in the coating process is essentially a mixture of finely ground particles of pigment and resin, which is sprayed onto a surface and then cured either by exposure to heat or to ultra-violet light.

What are the advantages to powder coating?

The quality of powder coating is equal, if not superior, to that of standard paint applications. Powder coating is also more durable and scratch resistant. The color selection is virtually unlimited, with high and low gloss, metallic, textured, and clear finishes available. In addition, colors stay bright and vibrant for a longer period of time. Powder coating is a proven technology for automobiles, hardware, indoor and outdoor metal furniture, and general industrial applications as a substitute for solvent-based paints. Best of all, powder coating is environmentally friendly because it contains no hazardous solvents.

What are the disadvantages to powder coating?

The powder may be difficult to match for repair and more difficult to strip than paint.

Are there economic benefits to powder coating?

The manufacturer benefits from reduced material costs, no chemical clean up, increased operating efficiency, and energy savings. Additional savings are realized from reduced hazardous waste generation and reduced employee health and safety liability. These benefits may result in lower production costs for the finished product passed on to the consumer.

Which government agencies could use powder coated products/services?

Powder coated products and services are ideal for any office, school, or transportation department. Basically, wherever furniture or painted pieces of equipment are needed.

Are powder coated services/products available on state contract?

There are several companies in Massachusetts that are registered vendors with the Commonwealth and offer their products and services on the state contract. The companies listed on the reverse side of this fact sheet and marked with an asterisk offer products and services on the state contract.

Massachusetts companies that offer...

Powder Coating Services

Congress Technical Spray

Dracut, Massachusetts

(800) 218-7072

www.congresstechnicalspray.com**Eastern Process Company**

Hingham, Massachusetts

(781) 749-6051

www.easternprocess.com**Applied Graphics**

Amesbury, Massachusetts

(508) 388-5300

www.appliedgraphics.com**JapEnamLac**

Chelmsford, Massachusetts

(978) 256-2212

www.legaluminum.com/japenamelac**Royal Powder Coating, Inc.**

Lawrence, Massachusetts

(978) 685-2398

Prism Powder Coating

Wareham, Massachusetts

(508) 295-5601

www.prismpowderusa.com**Central Mass Powder Coating**

Clinton, Massachusetts

(978) 343-2375

Powder Coated Products

American Lighting Fixture Corp.

Lighting Fixtures

Taunton, Massachusetts

(508) 824-1970

www.wilshiremfg.com/home.html**Columbia Manufacturing**

Desks & Chairs

Westfield, Massachusetts

(413) 562-3664

www.columbiamfginc.com**Wright Line, LLC***

Furniture

Worcester, Massachusetts

(508) 852-4300

www.wrightline.com

State Contract: #OFF03

Powder Coated Equipment

Simplex

Industrial Equipment

Westminster, Massachusetts

978-731-2500

www.simplexgrinnell.com**Runtal, Inc.**

Commercial Radiators

Ward Hill, Massachusetts

(800) 526-2621

www.runtalnorthamerica.com**Spencer Products, Inc.**

Wire & Steel Tubular Store

Fixtures

North Brookfield, Massachusetts

(508) 867-8933

www.spenceronline.com**Ivensys Process Systems**

Instruments & Process Systems

Foxboro, Massachusetts

(508) 543-2700

www.ivalsys.com

**Indicates company offers products or services on state contract for Commonwealth of Massachusetts agencies*

This fact sheet is one in a series prepared by the Office of Technical Assistance (OTA), a branch of the Massachusetts Executive Office of Environmental Affairs. OTA's mission is to assist Massachusetts facilities with reducing their use of toxic chemicals and/or the generation of toxic manufacturing byproducts. Mention of any particular equipment or proprietary technology does not represent an endorsement of these products by the Commonwealth of Massachusetts. This information is available in alternate formats upon request. OTA's **non-regulatory** services are available at **no charge** to Massachusetts businesses and institutions that use toxics. For further information about this or other case studies, or about OTA's technical assistance services, contact:

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