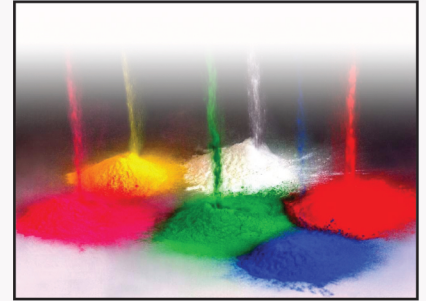


POWDER COATING

GREEN PROCESS

Powder Coating is tough, attractive, cost-effective, and environmentally friendly. It's a safer, cleaner coating choice that provides a superior finish. Powder coating is resistant to corrosion, heat, impact, abrasion, fading from sunlight, and extreme weather, in your choice of color and texture.

Powder coating is compliant with the environment. It means virtually no emissions, no solvents, and no hazardous wastes. Powder coating is totally "green" (environmentally safe).



POWDER COATING:

Powder Coatings are solvent Free.
No hazardous waste according to "Resources Conservation and Recovery Act (RCRA)".
Overspray may be reclaimed.
Average material efficiency up to 95% of material sprayed.
Considerable lower applied cost.



VS.

LIQUID PAINTING:

Most liquid coatings contain solvents. Liquid coatings evaporate VOC's during cure process.
Overspray needs to be handled as hazardous waste.
Average material efficiency is only 35%. Film losses 50% due to evaporation of solvents.



ENVIRONMENTAL GREEN SPECIFICATION

70% KYNAR 500 – AAMA 2605

- 1) The finish on exposed aluminum extrusions and panels shall be compliant with the performance standards set forth in the AAMA Specification 2605, Superior Performing Organic Coatings on Aluminum Extrusions and Panels.
- 2) The finish is a factory applied high performance 70% Polyvinylidene Fluoride (PVDF) coating based on POWDER X resin formulated by a licensed powder coating manufacturer, and applied by the powder manufacturer's warranty approved powder coating applicator.
- 3) The pretreatment of the aluminum extrusions and panels is to be performed with organic solutions that will remove organic and inorganic surface soils and residual oxides. A chrome free conversion sealer will be applied to the pretreated aluminum extrusion and panels to ensure adhesion of powder coatings to the aluminum extrusions and panels.



DMAS
ENERGY METAL SPECIALTIES