

Ref: Certification Letter for VOC Compliance of Longboard Products and Alluminate to LEED's Indoor Environmental Quality Category of Points

Unlike many liquid paints, powder coatings are compliant with environmental regulations. Liquid paints often contain solvents (volatile organic compounds or VOC's), which can contribute to air pollution and, in some cases, ozone depletion. Powder coatings are free of such pollutants. Wet painting processes can generate sludge, which must be disposed of into hazardous waste landfills. Properly formulated powder coatings generate no such hazardous waste. The consumer can feel good about buying a powder-coated product, which is environmentally responsible.


Chrome-Free Pre-treatment

Producing quality painted material is largely dependent on the process used for cleaning the metals. The chemicals used historically have been chrome or phosphate based. Stringent regulations, imposed by the EPA (Environmental Protection Agency), OSHA (Occupational Safety and Health Administration) and local regulatory bodies have made the use of chrome-based pre-treatment an expensive or impossible process. Currently federal and provincial laws require the monitoring and permitting of all exhaust, including pre-treatment stacks. As the world becomes more environmentally correct, tighter controls and penalties will be placed on all pollutants, including chrome.

The pre-treatment chemicals chosen by Longboard Architectural Products Inc. contain no chromates, cyanides, phosphates, or other metals listed by the EPA or the OSHA. No sludge is produced in the waste treatment process, which eliminates the production, hauling, and storage or destruction of hazardous waste materials and reduces the costs associated with potential liabilities.

Yours faithfully,

Mike Heppell



Owner and President
Longboard Architectural Products

