

Technical Data Sheet No: **LD-103.4** **Powder Coating**

Powder coating is a decorative and durable plastic coating, which can be provided in an almost unlimited range of colors. Powder coating is an environmentally friendly process, as it does not give off any Volatile Organic Compounds, which are evident in other liquid based coatings. Scratching or chipping the coated surface of the product after it has been powder coated can leave the raw material exposed. This can cause corrosion to the product over time. Please be advised that this information is provided as a guide only and was prepared using resourced technical data and market based experience.

Benefits of Powder Coating:

Durability

Powder coating gives consumers, businesses, and industries; one of the most economical, long-lasting and most color durable quality finishes available.

Color Selection

Virtually unlimited with high and low gloss, metallic, and clear finishes available. Colors stay bright and vibrant longer. Texture selections range from smooth surfaces to a wrinkled or matte finish, and rough textures designed for hiding surface imperfections.

Powder coating is ideal for continuity of surface finish, as opposed to other finishes.

Protects the Environment

Powder coating is also highly protective of our environment. While liquid finishes contain solvents which have pollutants known as volatile organic compounds (VOCs); powder coating contains no solvents and releases negligible amounts, if any, VOCs into the atmospheres.

Warranties

Warranties may be available for powder coating products. Warranties must be applied for, and their success will depend on the projects location and environmental factors. Please contact your Valmont[®] Structures Architectural Facades product line technical representative for more information.

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Environment	Material	Coating Specification
Internal	Mild Steel; Aluminum; Zinc Seal; and Stainless Steel	Duralloy [®]
External	Aluminum	Duralloy [®] and Duratec [®]

Duralloy [®] Residential Applications	Duratec [®] Commercial Applications
Residential buildings limited to 3 floors high	All major architectural developments irrespective of height
Properties greater than 0.1 miles from salt water	Properties greater than 0.01 miles from saltwater
Where a 7 year film integrity warranty and 7 year color warranty are desired	Welded aluminum sections greater than 0.1 miles from salt water
	Where a 10 year film integrity warranty and a 10 year color warranty are desired

Contact your local Sales Representative today at: 941.402.3554 • facades@valmont.com