

**DuraTech Industries has recommendations for the special adhesive needs for labels applied to powder coat paints and low surface energy plastics.**

Many overlay or label constructions were initially designed using adhesives that adhere very well to the high surface energy metal and plastic substrates that they were originally engineered for. As DuraTech's customers begin to move towards using low surface energy plastics and powder coated paints in their housing designs, it is very important to communicate that information in order to ensure appropriate adhesives are used. Adhesives designed for use with high surface energy materials will not adhere well to low surface energy materials. Fortunately there are a wide variety of low surface energy appropriate adhesives available to fit just about any adhesion challenge.

Being proactive in the design and review phases of projects will prevent a previously used material construction from failing because the surface the part is being applied to has changed. It is highly recommended that the application surface, and any other notable requirements for adhesion performance, be added to the part drawing. This information allows for verification that the adhesive being specified is the appropriate construction for the application needed to prevent product failure and also allows for recommendation of potentially lower cost options when available.

For questions or to receive more information, please call or email your Customer Service Representative.



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