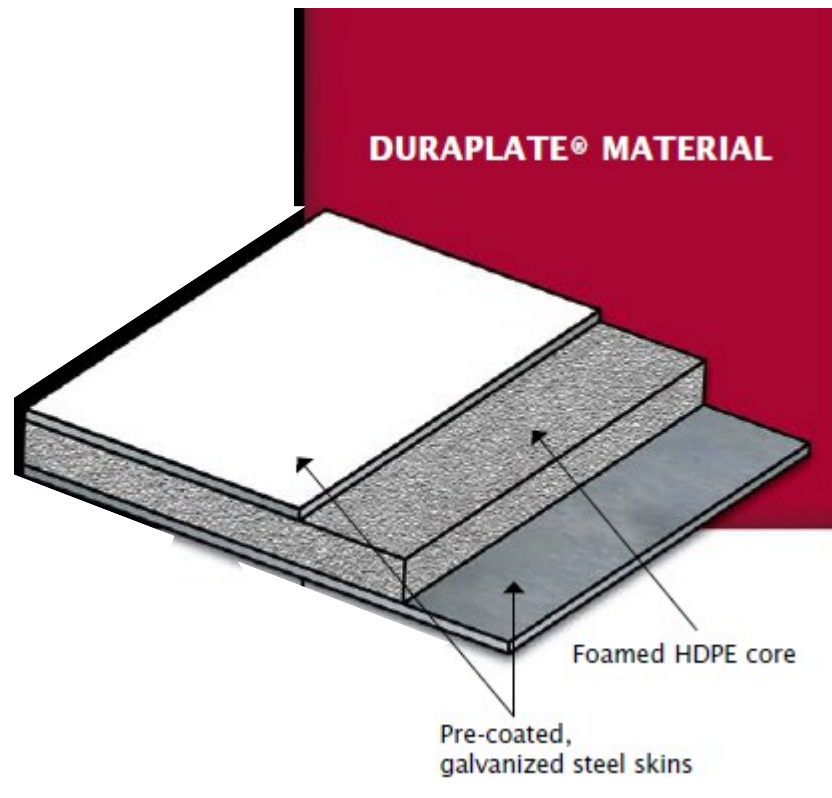


# DURAPLATE® TECHNOLOGY



## ENGINEERED FOR SUPERIOR PERFORMANCE

- The DuraPlate panel is constructed of a high-density polyethylene (HDPE) core bonded between two sheets of high-strength steel. Together these materials produce a composite panel that is extremely strong, lightweight, and damage resistant.
- The panel's composite characteristics allow it to flex and absorb impact which helps reduce damage and prevent permanent deformation.
- The plastic core material will not absorb moisture, making the panel resistant to rot and delamination that is commonly associated with the use of wood products.
- Lightweight and incredibly strong, the foamed plastic core reduces panel weight without compromising performance.
- The panel's 80,000 psi-yield steel skins provide exceptional protection against impact, abrasion and puncture.
- Pre-coated, galvanized steel skins protect against corrosion.
- DuraPlate dry vans are utilized by leading fleets throughout North America. With over 260,000 DuraPlate trailers on the road today, you can depend on proven performance.

**DuraPlate is a proven structural composite material that consists of two external skins thermally bonded to a high-density polyethylene core. It was originally developed in 1996 for over-the-road trailers. The DuraPlate composite trailer is the leader in the North American trucking industry, with over 350,000 on the road today. At the heart of the DuraPlate panel is a structure that is extremely strong and energy absorbent, resulting in durability, impact resistance and unsurpassed aesthetic appeal.**

### **DURABILITY:**

Your product will last longer and look great with the durability of DuraPlate panels. The steel skin and composite core combine to provide superior protection.

DuraPlate panels are highly resistant to punctures, dents, and corrosion. DuraPlate will not tear or rip, nor will it gouge or splinter like plywood or fiberglass-reinforced panels. The plastic core does not absorb moisture, making the panel resistant to rot and delamination that is commonly associated with the use of wood-based products. And unlike aluminum, DuraPlate's steel skins do not dimple, wrinkle or pit with exposure to the weather.

### **VALUE AND QUALITY**

In the real world, where bottom-line costs are critical and often deciding factors in purchasing decisions, DuraPlate delivers exceptional value by providing superior damage resistance and reducing maintenance costs – lowering the total cost of ownership for your product .

### **RIGID AND STRONG**

The technology behind DuraPlate includes key integral components that all come together in a highly specialized process to form a panel whose combined properties are significantly stronger and more rigid than other types of materials. DuraPlate's galvanized-steel skins, polyethylene core, and bonding agents are highly controlled in a state-of-the-art facility, resulting in a panel that is extraordinarily tough, offering superior strength and high wall stiffness.

DuraPlate's composite characteristics also bring a layer of flexibility to the steel's strength. The polyethylene core gives the panels an ability to flex. As a result, DuraPlate panels have surprising resiliency. They can absorb a direct impact and retain their shape. Over time, even in harsh conditions, DuraPlate panels will retain their form and appearance.