



## DuraPlate HD® Dry Vans



### **DURAPLATE HD**

Introduced in 2003, the DuraPlate HD®

dry van provides best-in-class strength and durability. The high-strength aluminum base plate in the lower sidewall withstands the most abusive freight hauls and resists damage from exterior sideswipes. This trailer is ideally suited for both general and heavy-haul freight such as paper, automotive parts and carpet.

#### **American-Made Durability**

DuraPlate composite sidewalls are constructed of two high-strength, galvanized steel skins bonded to a high-density polyethylene core to provide structural stiffness, superior damage resistance and maximum interior width. Only DuraPlate panels are made in the USA and backed by a 10-year limited warranty.\*

#### **Less Damage. More Uptime.**

The DuraPlate HD dry van is designed to withstand your most extreme freight hauls while keeping you on the road. Our 22" high, extruded aluminum base plate eliminates the need for interior scuff liners and provides unmatched resistance to interior and exterior damage. Bolted base

rail connections provide two times the shear strength of aluminum rivets to deliver a 20,000-lb dynamic load rating – supporting heavier payloads, high-cycle loading and unloading, and longer floor life.

#### **Less Weight. More Freight.**

Utilizing the same lightweight design of our original DuraPlate trailer, this heavy-duty trailer adds protection in the areas you need it most without losing cargo space. Built with high-strength, lightweight materials and components, the DuraPlate HD adds just 100 pounds to increase strength and durability while providing the same freight flexibility as the original.

#### **Longer Useful Life**

No matter what your trade cycle, this trailer delivers value year after year. Every aspect of this trailer is designed to extend its useful life. From the high-strength oak floor system and DuraPlate sidewalls to damage-resistant doors that also resist corrosion and LED light package, our trailers are built to last. And when it's time to replace your equipment, these trailers deliver resale values among the best in the industry.





# DuraPlate HD® Dry Vans

## BASE SPECIFICATIONS

### General

- Dimensions: 53' x 102-3/8" x 13'6"
- Front interior height: 110-1/4"
- Rear interior height: 111-1/4"
- Interior width sidewall to sidewall: 101"
- GVWR: 68,000 lb / 30,845 kg
- GAWR: 20,000 lb / 9,072 kg
- Manufactured in an ISO 9001:2008 registered facility

### Nose/Coupler

- 3-3/8" short can coupler
- High-strength steel coupler
- AAR-rated king pin with zinc anodes for corrosion protection
- One-piece extruded aluminum header
- .125" extruded aluminum, 5" radius front corner post
- 6-post nose, two structural corner posts and four 80k steel hat posts mounted with steel bolts
- Heavy-duty, 3/16" stainless steel lower nose rail

### Sidewalls

- DuraPlate composite panels with a limited 10-year warranty\*, made in the U.S.A.
- Flat DuraPlate seam with overlapped top rail
- 14-gauge recessed logistic seam on 50" vertical centers
- Integral A-slots punched on 4-1/2" centers rated at 1,880 lb working loads
- 18-gauge x 80k steel scuff liner fastened to sidewalls on 8" centers with stainless steel bucked rivets
- 22" high extruded aluminum base rail in lower sidewall
- Double shear rail connection

### Floor System

- 20,000-lb dynamic load rating
- Full, 1-3/8" thick laminated oak floorboards installed with three screws per board, per crossmember
- 4" steel or aluminum crossmembers on 12" centers in bay, steel crossmembers over sub frame and landing gear, 8" centers in rear 2'
- Steel bolted crossmember attachment with four 3/8", grade-5 bolts per crossmember clip

### Roof System

- .040" aluminum roof sheet wrapped over top rail edge
- 18-gauge 80k steel anti-snap roof bows mounted on 24" centers

### Rear Frame

- Carbon steel with ultra high-zinc epoxy primer and polyester powder-coated for corrosion resistance
- Rear impact guard with outboard vertical bumper legs meets or exceeds U.S. DOT and Transport Canada requirements
- 5/16" steel base plate in rear sill with 1/2" post protection
- Eyebrow and vertical light protection
- Rear header with integral gutter
- DuraPlate composite swing doors, aluminum 4-hole hinge, five hinges per door
- TrustLock Plus® System<sup>1</sup> with lower sill mounted hardware and a lock rod with integral door holdback, 1 per door

### Suspension

- Mechanical or air suspension
- Parallel "P" spindle wheel ends
- Long-life brake linings
- White powder-coated lightweight steel wheels, low rolling resistant tires standard
- Intercostal crossmember bracing over landing gear
- Galvanized steel, one-piece landing gear support and galvanized K-brace

### Lights/Electrical

- All LED lights
- EZ-7® modular 7-way<sup>2</sup> with Wabash National 3.0 sealed harness

### Options

- DuraPlate nose, riveted or bonded
- DuraPlate nose liner
- Floor packages in laminated oak, aluminum, composite and combination kits
- Floor systems available from 20,000 lb to 24,000 lb
- Galvanized or stainless steel rear frame and rear impact guard
- Multiple axle configurations
- Multiple aerodynamic options, including Wabash National DuraPlate AeroSkirt®<sup>3</sup>, other brands of trailer skirts available
- Tire pressure monitoring systems and tire inflation systems
- Upper ID/AUX stop light system<sup>4</sup>
- Vertical and horizontal interior logistics, riveted or bonded<sup>5</sup>
- Wide base tires

**FIND A DEALER** [wabash-trailers.com/sales-locations](http://wabash-trailers.com/sales-locations)

\*See the Wabash National Standard Limited Warranty for details on the 10-year limited warranty provided for DuraPlate sidewalls produced by Wabash National after 2005.

Base specifications are accurate at the time of publication, and are subject to change without notice. Custom options are available; please consult your Wabash National representative for additional information. ©2015 Wabash National L.P. All rights reserved. DuraPlate AeroSkirt®, DuraPlate®, DuraPlate HD®, EZ-7®, TrustLock Plus®, Wabash® and Wabash National® are marks owned by Wabash National, LP.

<sup>1</sup>U.S. Patent Nos. 8,231,150; 8,720,957 <sup>2</sup>U.S. Patent No. 6,450,833 <sup>3</sup>U.S. Patent Nos. 8,177,286; 8,398,150; 8,579,359 <sup>4</sup>U.S. Patent Nos. 8,653,957 and U.S. Patent Application Publication No. 2010/0308984 <sup>5</sup>U.S. Patent Nos. 8,016,527; 8,506,221



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