



DuraPlate® Dry Vans

With DuraPlate Cell Core Technology



Same American-Made Durability Best-in-Class Weight

Wabash National's DuraPlate dry van now features DuraPlate Cell Core Technology, our composite panel breakthrough that reduces trailer weight by 300 lbs. per 53' trailer. This trailer is designed to support the conventional dry van haul with exceptional durability and maximum payload capacity.

Big Benefits Come Standard

- Lighter weight DuraPlate Cell Core sidewalls mean fuel savings and more cargo capacity.
- 20,000 lb. floor rating for heavier payloads, high-cycle loading and unloading, and longer floor life.
- From damage- and corrosion-resistant components, to the LED light system, DuraPlate vans last longer and deliver resale values among the highest in the industry.

DuraPlate Cell Core Technology

With our patent pending DuraPlate Cell Core technology, we answered the challenge to deliver a lighter-weight trailer with the same rugged performance you've come to expect from DuraPlate. Engineered cellular structures in the panel's core reduce weight without sacrificing strength or durability. Fleet-tested performance in high-cycle and high-use environments confirms: the new DuraPlate trailer stands up to extreme loading and unloading, all while hauling more per load, saving fuel and increasing revenue per mile.

DURAPLATE
CELL CORE

Specifications: DuraPlate Dry Vans

- 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**
- High-strength steel, 3-3/8" short can 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 Cell Core 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

- 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-slag roof bows mounted on 24" centers

- Rear Frame**
- Hot Dipped Galvanized 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® System¹ 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-way² with Wabash National 3.0 sealed harness

- Options**
- Standard DuraPlate sidewalls
 - DuraPlate nose, riveted or bonded
 - DuraPlate semi-insulated package
 - DuraPlate nose liner
 - Flush Mount Intermediate Logistics³ available on 16.6" and 25" centers
 - 30% offset 4-post rear impact guard⁴
 - Floor packages in laminated oak, aluminum, composite and combination kits
 - Additional floor systems available in 24,000 lb and 24,000 lb high cycle dynamic load ratings
 - Painted or stainless steel rear frames and rear impact guard
 - Multiple axle configurations
 - Multiple aerodynamic options, including Wabash National DuraPlate AeroSkirt⁵, other brands of trailer skirts available
 - Scuff liners available in wood, steel, aluminum and plastic in various heights
 - Tire pressure monitoring systems and tire inflation systems
 - Upper ID/AUX stop light system⁶
 - Vertical and horizontal interior logistics, riveted or bonded⁷
 - Wide base tires
 - Overhead door options, including Wabash exclusive, 110" opening MaxClearance⁸ door with external EZ-Adjust⁹ balance mechanism
 - Extended 7-Year wheel end warranty available



*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. ©2020 Wabash National, L.P. All rights reserved. All marks are property of Wabash National, L.P. or their respective owners.

¹U.S. Patent Nos. 8,231,150; 8,720,957 ²U.S. Patent No. 6,450,833 ³U.S. Patent Nos. 7,588,286; 7,762,618; 7,931,328 ⁴U.S. Patent Nos. 9,566,923; 10,053,037; 10,035,483 and U.S. Patent Application Publication Nos. 2018/0354439; 2018/0334122 ⁵U.S. Patent Nos. 8,177,286; 8,398,150; 8,579,359 ⁶U.S. Patent Nos. 8,653,957; 9,649,975 ⁷U.S. Patent Nos. 8,016,527; 8,506,221 ⁸U.S. Patent No. 9,296,280 and U.S. Patent Application Publication Nos. 2016/0168895; 2018/0171692

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