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RAIL INDUSTRY SOLUTIONS SAFETY & STABILIZATION PRODUCTS



WHO WE ARE

Since our founding in 1980, our mission is to help organizations protect the health and safety of employees by creating OSHA compliant stabilization products while increasing sustainability by reducing the negative environmental impact by manufacturing with 100% recycled plastic. Our stabilization products are designed to save lives, reduce injuries, and create a cleaner, healthier and safer work environment.

STABILIZATION PRODUCT BRANDS

We have designed two unique stabilization product brands **DURA CRIB®** and **DURA STAT**. These product solutions shown on the following pages help to strengthen the safety culture of the rail industry. We work directly with leading rail industry experts to better understand the complexities and challenges faced by field operators during lifting maneuvers.

PRODUCT TRAINING & EDUCATION

Training and education of our distributors and users of our products are of the utmost importance. We partner with many great local and national educational organizations. Additionally, we are members of the North America Vehicle Rescue Association, National Safety Council, American Rental Association, Fire Equipment Manufacturer’s Association, Grain Elevator & Processing Society, and the Tire Industry of America. Our goal through education and the creation of products applicable to many industries is to educate and rethink workforce safety, especially when it comes to the historic and often dangerous use of wood during lifting and stabilization maneuvers.

ON THE MOVE

In response to the challenges of travel and in-person meetings, we are bringing Turtle Plastics® to you to conduct safe, contact free, outdoor product training. Call Dennis Hildebrandt, Vice President to schedule a group training session at 1-800-756-6635 ext. 205.

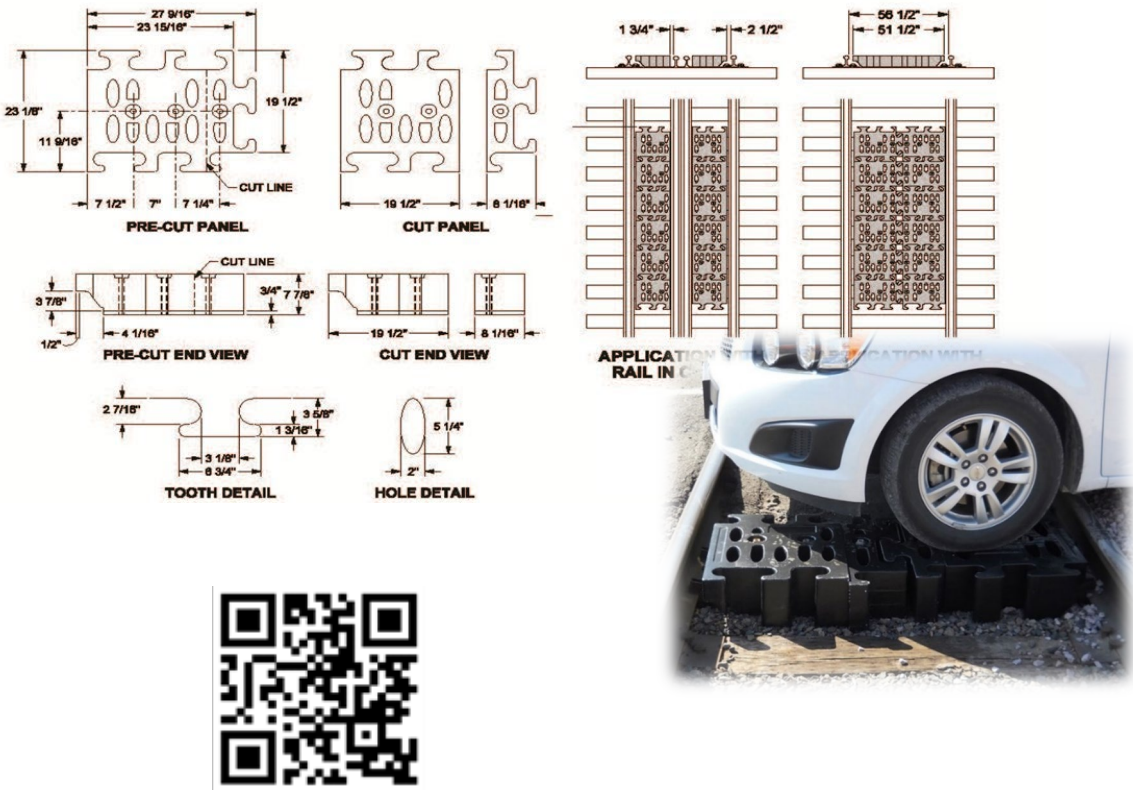


DURA STAT BRAND. SMOOTH PROFILE. VERSATILE.

DURA STAT products are generally customized for specific industry tasks that require no crib stack or do not require the technician to go under the lift (static lift). **DURA STAT** is not suitable for stacking configurations. Some of our popular **DURA STAT** products in the rail industry are Turtle Trax portable rail crossings, loading ramps and rizers . Because of the smooth profile facades, **DURA STAT** products are created for single layer applications. All **DURA STAT** should be used on their horizontal facades except for the forklift mast supports that are provided in IBS Kit-R which are rated for vertical application inside the forklift channel.

VALUE ADDED BENEFITS

DURA STAT products are made from 100% recycled plastic. They are long lasting, impervious to most chemicals, can be decontaminated with cleaning agents on EPA List N, do not splinter, rust or rot. **DURA STAT** products are the superior alternative to wood timbers or steel planks often used during routine rail industry maintenance. Scan the QR2 code below for a video of the **TURTLE TRAX®** in action



DURA CRIB® BRAND. INTERLOCKING.
LAB TESTED. LOAD RATED.



BLACK DIAMOND CRIB®
(left and above)
Mfg. Part # 67HDC-30
Working Load Limit:
71,600 kg/157,850 lbs. per block

DURA CRIB® brand block and pad products have interlocking designs (pyramids, channels, steps or pegs) which allows for safer stabilization. **DURA CRIB®** products in the block and pad forms can be horizontally stacked to form a traditional “cribbing stack.” All **DURA CRIB®** products stabilize on their horizontal pyramid or “lincoln log” facades, never vertically on their smooth end. There is a broad range of applicable rail maneuvers that include small to heavy rail cars, equipment and vehicles which are active loaded during maintenance. We define “active loading” as the item that needs stabilization when the lift requires the use of a pneumatic or hydraulic jack or when a tool causes vibration to the equipment or vehicle such as rescue cutters. Any item at risk of movement while being stabilized should have **DURA CRIB®** products to assist with securing in the lift and stabilization.

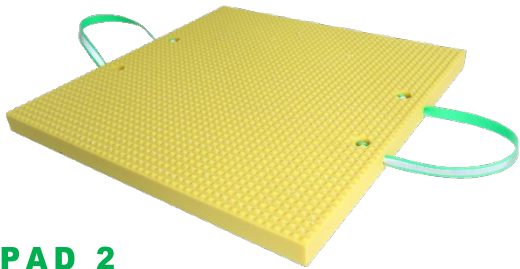
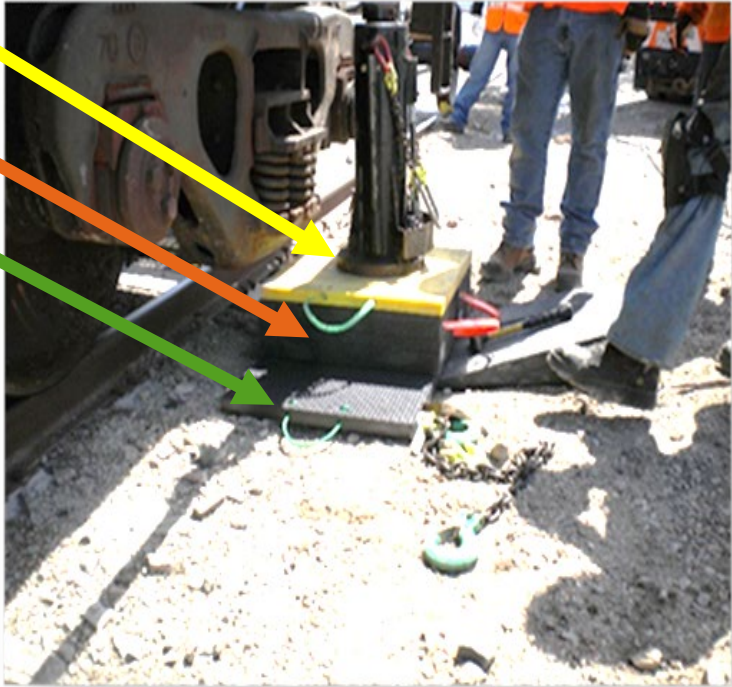
VALUE ADDED BENEFITS

DURA CRIB® products provide safety redundancy to other stabilizing items including jacks, harnesses, outriggers or shoring. **DURA CRIB®** engineered plastic products retain consistent year over year superior performance for stabilization as compared to other types of materials that easily degrade, crack, rust or rot such as wood or steel. **DURA CRIB®** products are tested, load rated, labeled, ergonomically designed and are washable. Heavy equipment operators and professionals can be assured when used correctly that **DURA CRIB®** products are OSHA Act 5(a)(1) compliant and part of a “Safety First” program.

FEATURED DURA CRIB® PRODUCTS
FOR MORE GREAT PRODUCTS VISIT WWW.TURTLEPLASTICS.COM

- **SLAB PAD 2**
(Mfg. Part # SP24-2-Y)
- **FULL SLAB®**
(Mfg. Part # S612-24)
- **SUITCASE PLATFORM PAD**
(Mfg. Part # SP36)

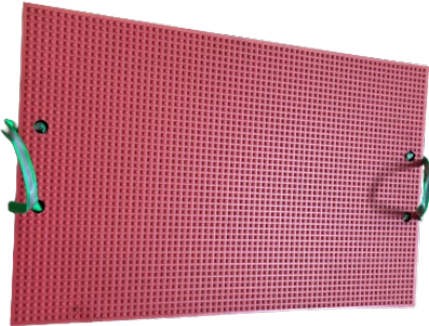
We have modernized the railroad suitcase crib stack for box car maintenance and repair by replacing wood components and using our specially formulated high impact recycled plastic and high load rated recycled HDPE crib blocks. Working with rail industry leaders, these components have been field and lab tested for reliability.



SLAB PAD 2
(Mfg. Part # SP24-2-Y)
PSI: 1,361kg/3,000 lbs.



FULL SLAB®
(Mfg. Part # S612-24)
Working Load Limit:
110,000/242,500 lbs.



SUITCASE PLATFORM SLAB
(Mfg. Part # SP36)
PSI: 1,361kg/3,000 lbs.

FEATURED DURA STAT® PRODUCTS

TURTLE TRAX® - PORTABLE RAIL CROSSING

There’s no need to have local law enforcement on hand to redirect vehicle traffic or close crossings for repairs or maintenance. From start to finish, each patented (US Patent #D815,306), **TURTLE TRAX®** component installs in less than two minutes, using either a sledge or air hammer. Turtle Plastics® worked with field teams from Union Pacific Railroad to create this production solution to reduce maintenance down time and increase efficiency for work crews in the field.

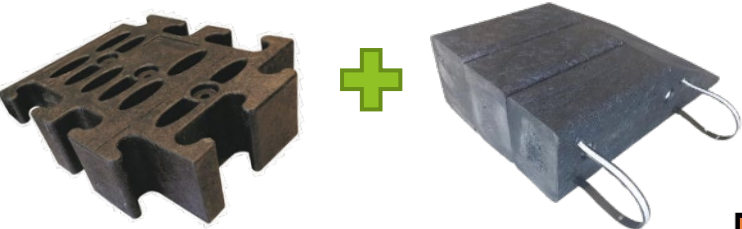


MFG. PART # TT-237-27
Turtle Trax® - One piece unit
27 9/16" x 23 1/8" x 6 3/4"
29.48 kg/65 lbs.

MFG. PART # TT-237-27/12
Turtle Trax® - Full set of twelve
units 27 9/16" x 23 1/8" x 6 3/4"
29.48 kg/65 lbs.



US Pat. No. D815,306



Add a **BIG FOOT RIZER** (Mfg. Part # RZ-BF3-1-no feet) on either side of at least 4 pieces of the **TURTLE TRAX®** (Mfg. Part # TT-237-27) to create a temporary undercarriage ramp system for in-the-field rail maintenance vehicles and trucks.



WARNING

SMALL WHEELS AND SMALL TIRES CAN GET STUCK IN PATTERN OR SEAM OF PRODUCT, CAUSING SERIOUS INJURY OR DEATH.

DO NOT USE FOR PEDESTRIAN FOOT TRAFFIC OR WHEELCHAIR, STROLLER, BICYCLE, SCOOTER, ROLLER SKATE OR SKATEBOARD TRAFFIC.

ENSURE COMPONENTS ARE ASSEMBLED WITH THE INTERLOCKING SIDES SECURED AND PRODUCT IS STAKED INTO THE GROUND WITH BOLTS PRIOR TO USING.

SAFETY FIRST

As with any technical applications, please ensure safety and warning messages are followed while using our products. Our popular **DURA CRIB®** and **DURA STAT®** brands for the rail industry are leading the way in safety stabilization products made from recycled plastic. Please familiarize yourself with information contained in the Dura Crib® Safety & Reference Manual which can be found at <https://www.turtleplastics.com/resources>.

CRUSH HAZARD

Can cause serious injury or death.

- BEFORE USING PRODUCTS, READ YOUR EQUIPMENT OWNER'S GUIDE AND YOUR ORGANIZATION'S POLICIES AND PROCEDURES FOR THE USE OF THESE PRODUCTS AND FOR ANY WARNINGS OR SIGNAGE THAT NEEDS TO BE POSTED WHILE PRODUCTS ARE IN USE.

- DO NOT USE PRODUCTS FOR CRIBBING, SHORING ,OR STABILIZATION APPLICATIONS IN ANY MEDIUM TO HEAVY-DUTY CRANE EQUIPMENT.

- AN UNEVEN GROUND SURFACE CAN CAUSE PRODUCTS TO SHIFT DURING AN APPLICATION CAUSING DAMAGE TO EQUIPMENT AND/OR INJURY/DEATH TO WORKER.
- ENSURE THAT THE WEIGHT OF THE LOAD BEING LIFTED IS EVENLY DISTRIBUTED ACROSS THE BLOCK OR CRIB STACK -AVOID LOADING ONTO A SINGLE POINT OF CONTACT ON THE CRIBBING BLOCK.

- DO NOT OVERLOAD PRODUCTS.
- INSPECT PRODUCTS FOR ANY DAMAGE PRIOR TO USING.
- DO NOT DRILL INTO OR MODIFY PRODUCTS.