TURTLE PLASTICS®
Safety & Stabilization Product Solutions

RAIL INDUSTRY SOLUTIONS
SAFETY & STABILIZATION PRODUCTS

ALL TURTLE PLASTICS® PRODUCTS MADE IN USA

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.

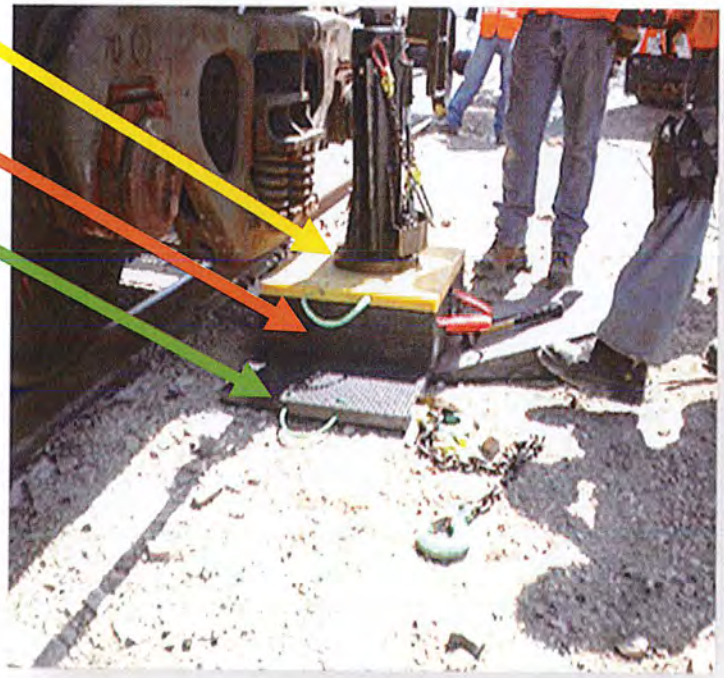
ON THE MOVE

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.

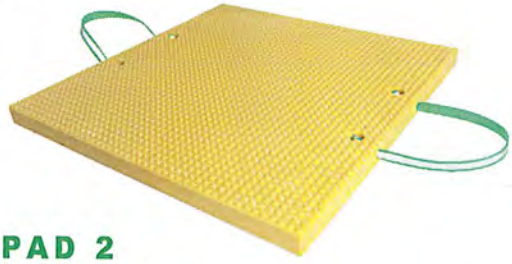
FEATURED DURA CRIB PRODUCTS

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)



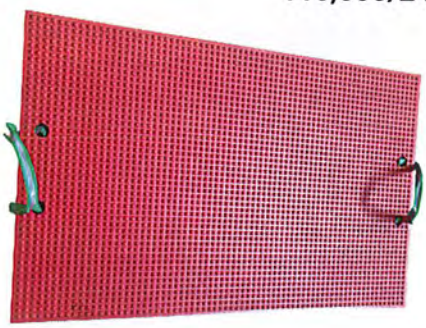
We have modernized the railroad suitcase crib stack for box car maintenance and repair by replacing wood components and using our specially formulated high impact recycled plastic and high load rated recycled HDPE crib blocks. Working with rail industry leaders, these components have been field and lab 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 **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 PEDISTRIAN 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 shown on the following page. Please review and understand your organizations safety protocols and heed the general safety warnings on products and manuals prior to using any Turtle Plastics product.

GENERAL INSTRUCTIONS

Product working load limits for **DURA CRIB** brand products are maximized in a 77-degree Fahrenheit (25-degree Celsius) environment; temperatures above or below will decrease working load limits. Also, before using any of the products, familiarize yourself with applicable government regulations/ordinances/equipment owner's guides and your organization's policies and procedures for use of the products during lifting or stabilization maneuvers. Other general cribbing or stabilization instructions:

- Before conducting any maneuver, understand the load rating and center of gravity of the equipment being lifted or stabilized.
- Make sure the environment in which the products will be used is safe.
- Only personnel trained in cribbing and shoring techniques should use the products.
- Inspect products for any damage prior to use; do not use if damaged.
- Make sure whatever is being stabilized using the products is not left unattended or for prolong periods of time.
- Replace products if worn or damaged.
- Ensure products are clean and dry before use.
- Products are intended for temporary use only.
- **DURA STAT** products are not to be used in any cribbing or stacking application.

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 facades only. 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 stabilization.

VALUE ADDED BENEFITS

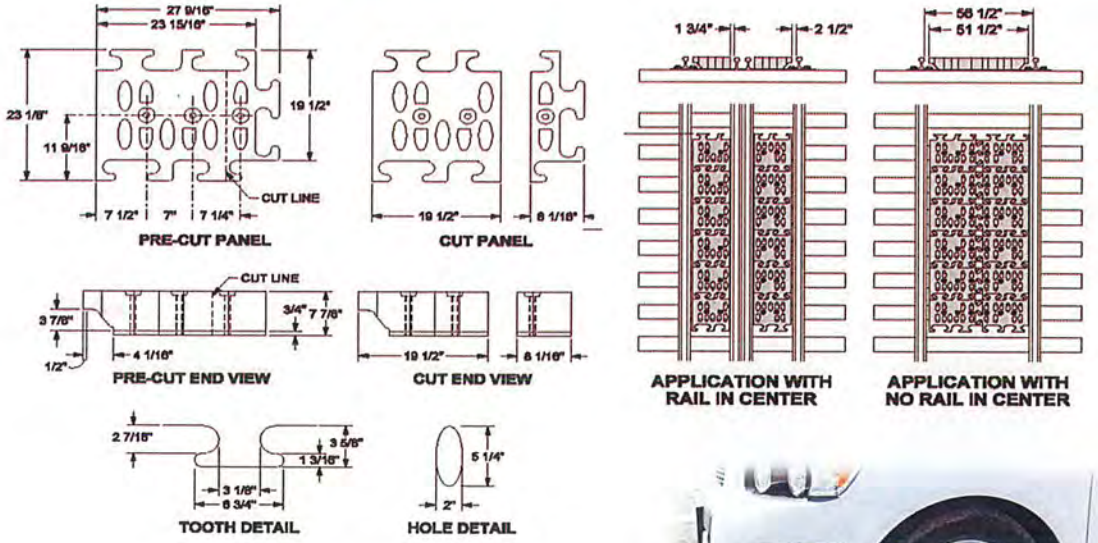
DURA CRIB products provide safety redundancy to other stabilizing items including jacks, harnesses, outriggers or shoring. **DURA CRIB** engineered plastic products retain consistent year over year superior performance for stabilization as compared to other types of materials that easily degrade, crack, rust or rot such as wood or steel. **DURA CRIB** products are tested, load rated, labeled, ergonomically designed and are washable. Railroad 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.

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.



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