

LATHAM

Loading Dock Bumpers & Marine Fenders



LATHAM

DOCK LOADING AND MARINE FENDERS

LATHAM DOCK RESILIENT LAMINATED RUBBER DOCK BUMPERS

This brochure provides complete information for the selection and specification of Laminated Rubber Dock Bumpers. The detailed description and illustrations provide a handy reference for the majority of applications.

MONEY SAVERS FOR CARRIERS, INDUSTRIES AND ALL SHIPPERS

LATHAM RESILIENT DOCK BUMPERS

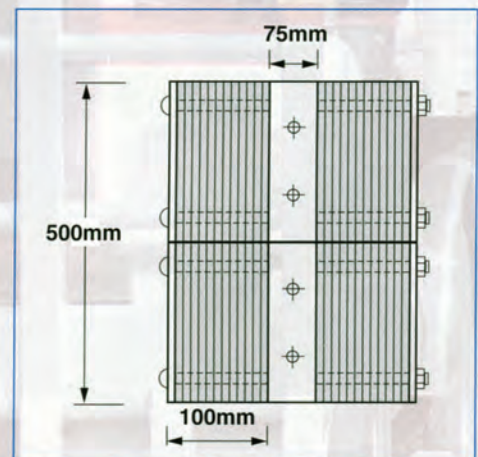
- Modern in design, attractive in appearance
- Maximum protection for dock, truck and cargo
- Costly dock repairs reduced
- Applicable to any type of construction
- Tested to absorb up to 80% of impact force
- Fast, easy installation. Long life.

Latham Dock Bumpers should be specified for maximum, long-life protection for all loading docks on warehouses, freight terminals, post offices, hotels, supermarkets and other commercial, industrial or institutional buildings with heavy dock traffic.

Latham Dock Bumpers are made from resilient, uniform-size, fabric-reinforced rubber pads cut from selected recycled truck tyres and conveyor belting, pressure laminated between heavy structural steel angles and reinforced with 18mm steel tie rods.

Unlike moulded rubber or wood-plank bumpers Latham Docks tough, unbroken plies of truck tyre fabric and belting virtually eliminate chipping or abrasion. Positive anchoring through heavy steel plate insures permanent installation. Thickness of rubber cushion, 115mm, absorbs up to 80% of the impact force.

If your particular type of application is not covered, we can design and manufacture Dock Bumpers to meet your specific needs.



Lathams Laminated Dock Bumper sets



BUMPER RANGE

LAMINATED DOCK BUMPERS pages 3 & 4



Latham's **LAMINATED** Dock Bumpers are modern in design and give maximum protection for docks, trucks and cargo. Costly dock repairs are reduced and they are applicable to any type construction. They are tested to absorb 80% of impact force and are fast and easy to install. Also available in vertical and horizontal bumper.

EXTRA THICK DOCK BUMPERS pages 5 & 6

Latham's **EXTRA THICK** Dock Bumpers are modern in design and give maximum protection for docks, trucks and cargo. Available in vertical and horizontal bumpers. Positive anchoring through heavy steel plate ensures permanent shape retention.



STEEL FACE EXTRA HEAVY DUTY page 7



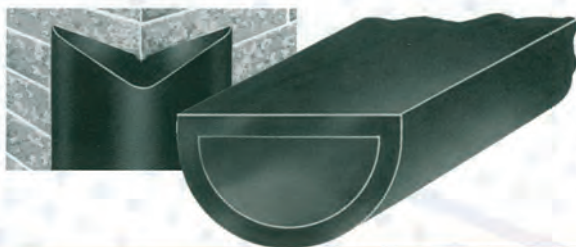
Latham's **STEEL FACE EXTRA HEAVY DUTY** Dock Bumpers are designed to eliminate friction of up and down movement from specialty trailers. They provide the best dock protection available. They use state of the art technology and are impervious to weather damage.

MOULDED & EXTRUDED RUBBER GUARDS pages 8 & 9

Latham's **MOULDED RUBBER BUMPERS & GUARDS** are modern in design, give maximum protection for commercial loading docks, parking garages, and marinas. They are good for in-plant wall protection from fork-lifts and larger material handling vehicles. They can also be used as rub rails at the sides of truck walls.



EXTRUDED DOOR SEALS AND CORNER GUARDS page 10



Latham's **EXTRUDED DOOR SEALS & CORNER GUARDS** are designed to be mounted horizontally or vertically along the corners of walls or beams to control damage. They are easy to install and are made from tough and long lasting rubber.

MARINE FENDERS pages 12 & 13

Latham offer **CYLINDRICAL, 'D'SQUARE/WING-TYPE, V** and **W** Marine Dock Fenders. Marine Fenders are easy to install, economical and a wide range of energy capacities and sizes are available. Some applications are dry docking, tug boats, dredges and work boats.



1

APPLICATIONS

Long lasting protection

Latham Dock Bumpers are a major consideration when investing in dock facilities. It is important to protect that investment with bumpers that are built to withstand years of punishment and provide maximum protection for dock, building, truck and cargo.

Latham Dock Bumpers are made from uniform size fabric, reinforced rubber pads cut from premium quality recycled material. Pads are pressure laminated between heavy structural steel angles and secured with 18mm steel tie rods.

Destruction tests have demonstrated that Latham Dock Bumpers, made of laminated sections of rubberised fabric in a steel frame, provide maximum impact absorption, absorbing up to 80% of impact. Latham Dock Bumpers have advantages over moulded or extruded all-rubber bumpers.

The steel frame reinforces the rubberised-fabric bumper and is fully protected by a minimum 38mm of rubber. Structural mounting angles permit welded installations or provide bolting through steel (as opposed to bolting through rubber). Anchor bolts are protected by a minimum of 75mm of rubber so they cannot transfer damaging impact to the dock or foundation.

Specify finish for exposed metal parts: either painted or galvanised.

Features

- Tough plies of truck tyre and belting virtually eliminates chipping or abrasion, unlike moulded rubber, extruded rubber, or wood plank bumpers
- Attractive black colour enhances a neat, professional architectural look
- Available in vertical or horizontal type bumpers
- Destruction tests have demonstrated maximum impact absorption
- Anchor bolts are protected by at least 75mm of rubber to prevent damage to dock
- Extends life of foam pad doorseals.

Benefits

- Virtually maintenance free
- Provides maximum protection against vehicle damage to docks, buildings, and cargo
- Eliminates costly repairs from severe shock to docks
- Constructed to last and provide years of protection
- Anchored through thick steel angles to provide stability
- Performs on any truck dock in any type of weather

Selecting Dock Bumper Arrangements

Many factors help to determine the proper arrangement of dock bumpers. Many installations should have vertical and horizontal Dock Bumper arrangements for complete dock, truck and cargo protection. When shelters are used, extra length, one piece bumpers completely seal trucks to the dock. Protection for 2500mm bay is usually accomplished with two horizontal bumpers of standard length.

Overlapping arrangements provide continuous protection and minimise installation costs.

Bumper Heights

(Horizontal Unit 250mm height) (Vertical Units in 500mm, 750mm or 1000mm heights).

The 250mm height standard bumper is used for standard height docks that accommodate standard, or approximately equal-height trucks.

Abundant Uses

Applications for Latham Laminated Rubber Dock Bumpers are practically limitless. They can be used projecting above low docks, as rub rails at the sides of truck wells and as special construction features to accommodate unusual anchoring conditions. As wall bumpers to protect against lift fork-lifts, trucks, or as super thick bumpers with special supports.