

# LAMINATED DOCK BUMPERS

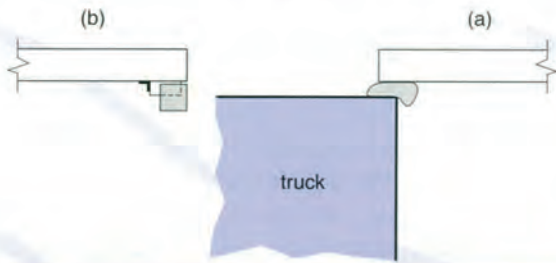


Fig. 1 – PLAN VIEW

Over-compression of the foam pad in door seals (a) can split the cover material or force the pad into direct line of traffic. Thicker bumpers (b) can prevent this.

### Special Requirements

For installations with dock door seals (Figure 1) or inclined ramps (Figure 2), where greater stand-out distance from dock sills is required, 115mm thick bumpers may be adequate. Extra-Thick Dock Bumpers (230mm and 350mm) should be specified for use where door seals are extra thick, where there are declined approaches, canopies, overhangs or other architectural features requiring even greater stand-out.



Fig. 2 – SIDE ELEVATION

The 500mm, 750mm or 1000mm vertical heights provide extended depth protection for varying truck heights (Fig. 3) or the lower steel members of trailer bodies. Consider them for docks that accommodate large and small vehicles. When used in combination with horizontal units (illustrated in Fig. 5), vertical units prevent a loaded truck from getting under and prying off the horizontal bumpers as the truck rises while being unloaded (Fig. 4). Vertical units are particularly applicable to truck levelling devices that raise the entire truck to dock level.

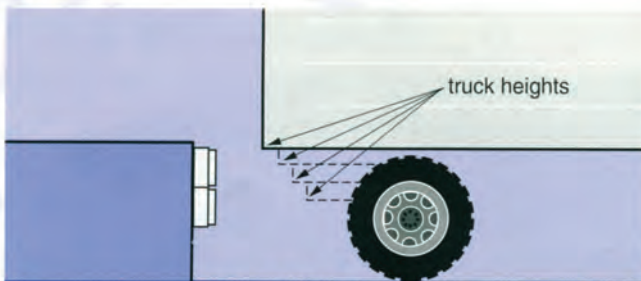


Fig. 3 – SIDE ELEVATION



Fig. 4 – SIDE ELEVATION

### For Open Docks

(With no pre-determined truck spots). Combination horizontal/vertical installations provide maximum protection (Fig. 5). If 900mm horizontal units are used, maximum spacing should be 600mm between units (1550mm on centres). If truck approach is angled, this spacing should be reduced to prevent a truck corner from contacting the dock proper between units.

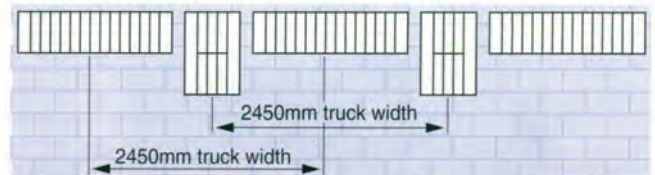


Fig. 5 – FRONT ELEVATION

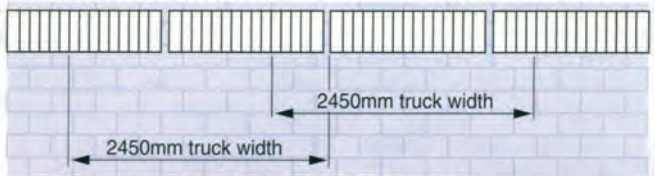


Fig. 6 – FRONT ELEVATION

### For Refrigerated Doors (With or Without Dock Shelters)

Extra-length, one-piece bumpers in 115mm thickness can be fabricated to seal the truck to the dock, minimise loss of refrigeration and maintaining maximum protection for dock, truck and dock shelter. The same applies to doors sealed to maintain warm temperatures in winter. Wherever shelters are also used, it is important that rubber surface of the bumper extend under the vertical members of the shelter pad to complete the all-round seal.

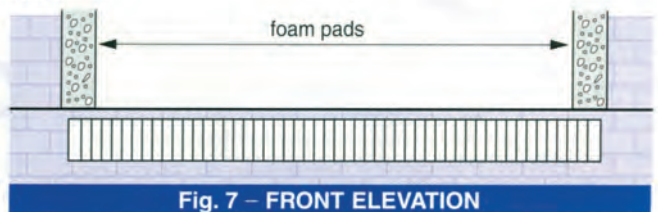


Fig. 7 – FRONT ELEVATION

Full Length Horizontal Bumper