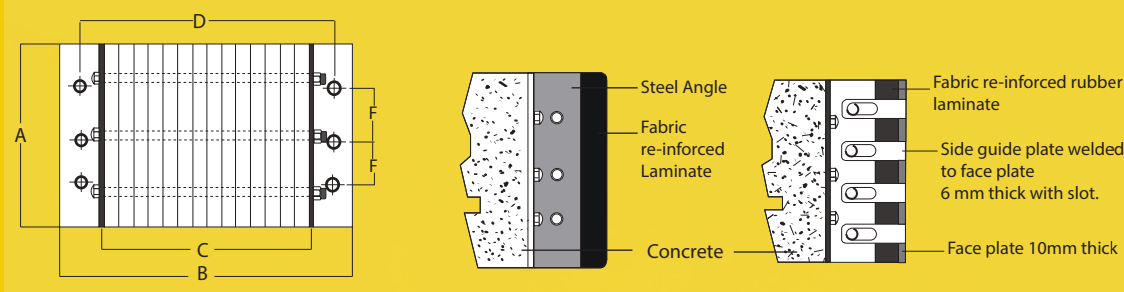


# LAMINATED DOCK BUMPERS



With Face plate

CODE	Thickness out from dock (W)		Over all sizes (AxB)		Rubber Surface (AxC)		PCD (Length) D		PCD (Width) F	
	inches	mm	inches	mm	Inches	mm	inches	mm	inches	mm
D110	4.5	114	6 x 16	152 x 405	6 x 11	152 x 280	14	355	3	75
D111	4.5	114	6 x 26	152 x 660	6 x 21	152 x 535	24	610	3	75
D112	4.5	114	6 x 38	152 x 965	6 x 33	152 x 840	36	915	3	75
D113	4.5	114	10 x 16	254 x 405	10 x 11	254 x 280	14	355	6	152
D114	4.5	114	10 x 20	254 x 510	10 x 15	254 x 380	18	455	6	152
D115	4.5	114	10 x 26	254 x 660	10 x 21	254 x 535	24	610	6	152
D116	4.5	114	10 x 38	254 x 965	10 x 33	254 x 840	36	915	6	152
D117	4.5	114	12 x 16	305 x 405	12 x 11	305 x 280	14	355	4	100
D118	4.5	114	12 x 20	305 x 510	12 x 15	305 x 380	18	455	4	100
D119	4.5	114	12 x 26	305 x 660	12 x 21	305 x 535	24	610	4	100
D120	4.5	114	12 x 38	305 x 965	12 x 33	305 x 840	36	915	4	100
D121	4.5	114	20 x 13	510 x 330	20 x 8	510 x 205	11	280	7	175
D122	4.5	114	24 x 13	610 x 330	24 x 8	610 x 205	11	280	9	230
D123	4.5	114	36 x 13	915 x 330	36 x 8	915 x 205	11	280	10	254
D124	6	152	10 x 16	254 x 405	10 x 11	254 x 280	14	355	6	152
D125	6	152	10 x 26	254 x 660	10 x 21	254 x 535	24	610	6	152
D126	6	152	10 x 38	254 x 965	10 x 33	254 x 840	36	915	6	152
D127	6	152	20 x 13	510 x 330	20 x 8	510 x 205	11	280	7	175
D128	6	152	12 x 16	305 x 405	12 x 11	305 x 280	14	355	4	100
D129	6	152	12 x 26	305 x 660	12 x 21	305 x 535	24	610	4	100
D130	6	152	12 x 38	305 x 965	12 x 33	305 x 840	36	915	4	100
D131	6	152	24 x 13	610 X 330	24 x 8	610 x 205	11	280	9	230
D132	6	152	36 x 13	915 X 330	36 x 8	915 x 205	11	280	10	254

Without Face plate



Bulwark Dock Bumpers are easily installed, they are long lasting to protect dock equipment, building walls and truck cargo from potential damage.

Bumper projection should be specified at not less than 4". For recessed docks or special applications, additional projection may be required.

### Installation Details:

All laminated dock bumpers are assembled with two 3"x 3"x 1/4" thick steel angles. The angles are fastened with threaded rod and nut. All exposed metal parts are factory painted.

We recommend all bumpers to be installed 1" to 2" below dock level. Use 3/4" or 5/8" expansion bolts with a minimum length of 3".