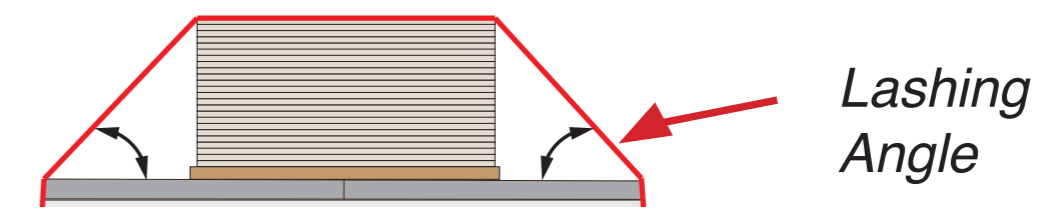


Table 3: Unblocked Configuration (*=impractical)


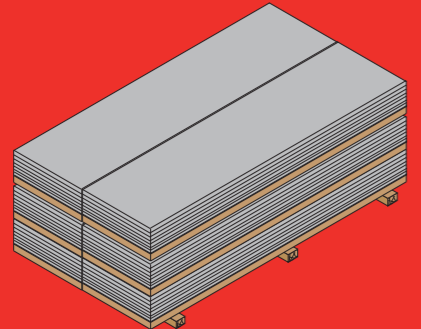
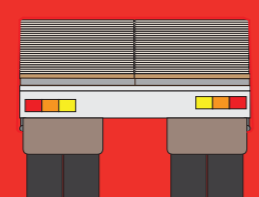
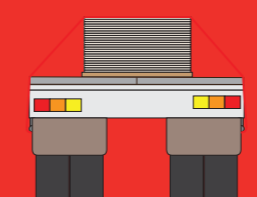
Stack Mass restrained 	Lashings per stack two Abreast loads 		Lashings per stack single file loads 					
	(81 - 90°)		(61-80°)		(46-60°)		(30-45°)	
	Push up ratchet / Drum winch	Pull Down Ratchet	Push up ratchet / Drum winch	Pull Down Ratchet	Push up ratchet / Drum winch	Pull Down Ratchet	Push up ratchet / Drum winch	Pull Down Ratchet
0 - 2,000 kg	4	2	4	3	5	3	7	4
2,001 - 4,000 kg	8	4	8	5	10	6	14*	8
4,001 - 6,000 kg	11	6	12*	7	15*	8	20*	11
6001 - 8000 kg	15*	8	16*	9	19*	11	27*	15*
8,001 - 10,000 kg	18*	10	20*	11	24*	13*	34*	19*
10,001 - 12,000 kg	22*	12*	22*	13*	Load Configuration not possible		Load Configuration not possible	
12,001 - 14,000 kg	25*	14*	24*	15*				
14,001-15,000kg	27*	15*	27*	16*				

Table 4: Blocked Configuration (2 Crossover Straps): (*=impractical)

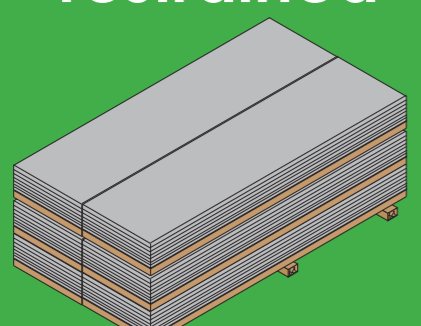

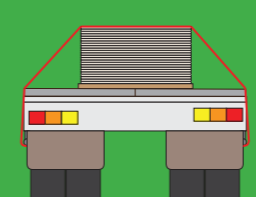
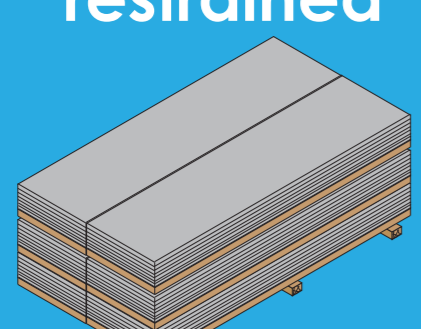
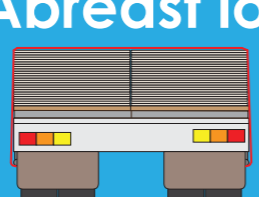
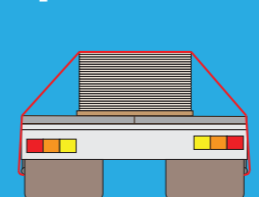
Stack Mass restrained 	Lashings per stack two Abreast loads 		Lashings per stack single file loads 					
	(81 - 90°)		(61-80°)		(46-60°)		(30-45°)	
	Push up ratchet / Drum winch	Pull Down Ratchet	Push up ratchet / Drum winch	Pull Down Ratchet	Push up ratchet / Drum winch	Pull Down Ratchet	Push up ratchet / Drum winch	Pull Down Ratchet
0 - 2,000 kg	2	2	2	2	2	2	2	2
2,001 - 4,000 kg	3	2	3	2	4	2	2	2
4,001 - 6,000 kg	4	3	4	3	6	4	7	4
6001 - 8000 kg	6	4	6	4	9	5	14*	8
8,001 - 10,000 kg	9	5	9	6	13*	7	20*	11
10,001 - 12,000 kg	13*	7	13*	8	Load Configuration not possible		Load Configuration not possible	
12,001 - 14,000 kg	16*	9	16*	10				
14,001-15,000kg	18*	10	20*	11				

Table 5: Blocked Configuration (Headboard):

Stack Mass restrained 	Lashings per stack two Abreast loads 		Lashings per stack single file loads 					
	(81 - 90°)		(61-80°)		(46-60°)		(30-45°)	
	Push up ratchet / Drum winch	Pull Down Ratchet	Push up ratchet / Drum winch	Pull Down Ratchet	Push up ratchet / Drum winch	Pull Down Ratchet	Push up ratchet / Drum winch	Pull Down Ratchet
0 - 2,000 kg	2	2	2	2	2	2	2	2
2,001 - 4,000 kg	2	2	2	2	2	2	4	2
4,001 - 6,000 kg	3	2	3	2	4	2	5	3
6001 - 8000 kg	4	3	4	3	5	3	7	4
8,001 - 10,000 kg	5	3	5	3	6	4	9	5
10,001 - 12,000 kg	6	3	6	4	Load Configuration not possible		Load Configuration not possible	
12,001 - 14,000 kg	7	4	7	4				
14,001-15,000kg	7	4	8	5				