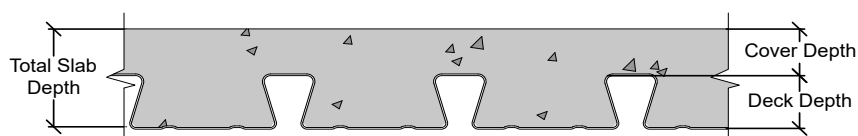


VERCO® COMPOSITE DECKS with BEKAERT DRAMIX® STEEL FIBERS



Minimum Reinforcing Options for Temperature and Shrinkage $f'_c = 3000$ psi

Recommended Reinforcing for Temperature and Shrinkage

Cover Depth (in.)	Min. A _s for T&S (in. ²)	WWR	(OR)	Bekaert Dramix® Steel Fiber
				Alternate to WWR (lb/yd³)
				4D 65/60BG
Normal Weight Concrete (145 pcf)				
2	0.028	6x6-W1.4xW1.4		23
2¼	0.028	6x6-W1.4xW1.4		20
2½	0.028	6x6-W1.4xW1.4		18
2¾	0.028	6x6-W1.4xW1.4		16
3	0.028	6x6-W1.4xW1.4		15
3¼	0.029	6x6-W2.1xW2.1		15
3½	0.032	6x6-W2.1xW2.1		15
3¾	0.034	6x6-W2.1xW2.1		15
4	0.036	6x6-W2.1xW2.1		15
4¼	0.038	6x6-W2.1xW2.1		15
4½	0.041	6x6-W2.1xW2.1		15
4¾	0.043	6x6-W2.9xW2.9		15
5	0.045	6x6-W2.9xW2.9		15
6	0.054	6x6-W2.9xW2.9		15
Light Weight Concrete (110 pcf)				
2	0.028	6x6-W1.4xW1.4		33
2¼	0.028	6x6-W1.4xW1.4		28
2½	0.028	6x6-W1.4xW1.4		25
2¾	0.028	6x6-W1.4xW1.4		22
3	0.028	6x6-W1.4xW1.4		20
3¼	0.029	6x6-W2.1xW2.1		20
3½	0.032	6x6-W2.1xW2.1		20
3¾	0.034	6x6-W2.1xW2.1		20
4	0.036	6x6-W2.1xW2.1		20
4¼	0.038	6x6-W2.1xW2.1		20
4½	0.041	6x6-W2.1xW2.1		20
4¾	0.043	6x6-W2.9xW2.9		20
5	0.045	6x6-W2.9xW2.9		20
6	0.054	6x6-W2.9xW2.9		20

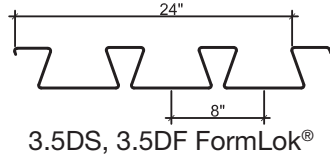
Notes:

1. FRC reinforcement is based on IAPMO UES ER-465.
2. Dramix® fibers may be used in UL or ULC fire rated assemblies in lieu of WWR. See UL file R19307 for additional information.

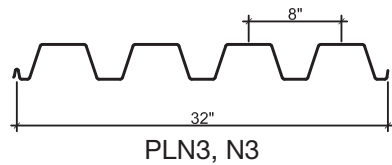
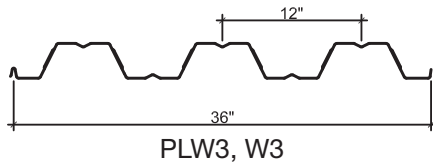
For information on Bekaert Dramix® fibers contact 770-514-2295 or infobuilding@bekaert.com.

VERCO® COMPOSITE DECKS with BEKAERT DRAMIX® STEEL FIBERS

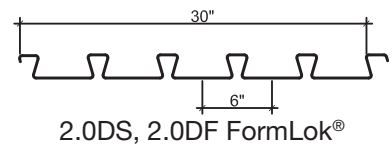
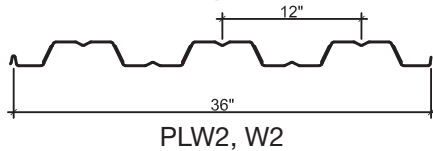
3½" Deep Decks



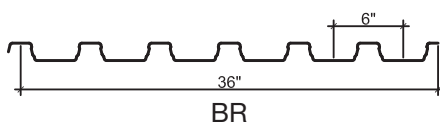
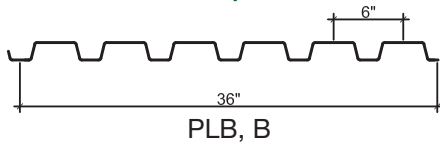
3" Deep Decks



2" Deep Decks

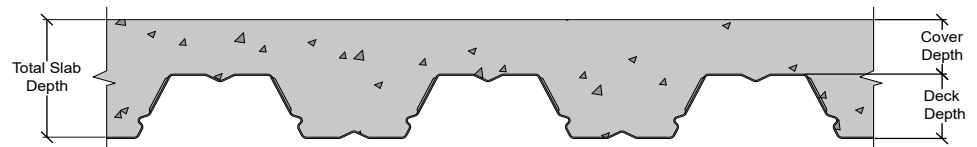


1½" Deep Decks



Composite Deck Slab

Total Slab Depth (in.)	Cover Depth (in.)			
	3½" Deep Decks	3" Deep Decks	2" Deep Decks	1½" Deep Decks
	Vercor FormLok® Composite Decks			
	3.5DS, 3.5DF	PLW3, W3, PLN3, N3,	PLW2, W2, 2.0DS, 2.0DF	1PLB, B, BR
3 1/2	-	-	-	2
3 3/4	-	-	-	2 1/4
4	-	-	2	2 1/2
4 1/4	-	-	2 1/4	2 3/4
4 1/2	-	-	2 1/2	3
4 3/4	-	-	2 3/4	3 1/4
5	-	2	3	3 1/2
5 1/4	-	2 1/4	3 1/4	3 3/4
5 1/2	2	2 1/2	3 1/2	4
5 3/4	2 1/4	2 3/4	3 3/4	4 1/4
6	2 1/2	3	4	4 1/2
6 1/4	2 3/4	3 1/4	4 1/4	4 3/4
6 1/2	3	3 1/2	4 1/2	5
6 3/4	3 1/4	3 3/4	4 3/4	5 1/4
7	3 1/2	4	5	5 1/2
7 1/4	3 3/4	4 1/4	5 1/4	5 3/4
7 1/2	4	4 1/2	5 1/2	6
7 3/4	4 1/4	4 3/4	5 3/4	-
8	4 1/2	5	6	-
9	5 1/2	6	-	-
9 1/2	6	-	-	-



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