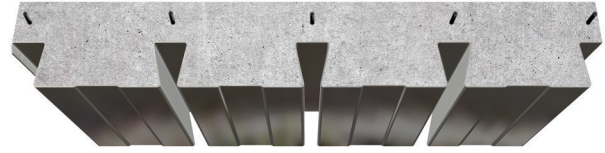


# VULCRAFT® 2.0D FORMLOK® COMPOSITE DECK-SLAB WITH BEKAERT DRAMIX® STEEL FIBERS

## 2.0D FORMLOK DECK-SLAB

- 2" Deep Composite Deck
- $f'_c = 3000$  psi (min.)
- UL Fire Rated



### Normal Weight Concrete (145 pcf)

Total Slab Depth (in.)	Theoretical Concrete Volume (yd <sup>3</sup> /100 ft <sup>2</sup> )	Min. A <sub>s</sub> for T&S (in. <sup>2</sup> )	Recommended Reinforcing for Temperature and Shrinkage				
			WWR (OR)	Bekaert Dramix® Steel Fibers Alternate to WWR (pcy)			
				3D 65/60BG	3D 80/60BG	4D 65/60BG	4D 80/60BG or 5D 65/60BG
4	1.12	0.028	6x6-W1.4xW1.4	27	22	33	34
4½	1.28	0.028	6x6-W1.4xW1.4	22	14	33	34
4¾	1.35	0.028	6x6-W1.4xW1.4	20	14	33	34
5	1.43	0.028	6x6-W1.4xW1.4	19	14	33	34
5¼	1.51	0.029	6x6-W2.1xW2.1	18	14	33	34
5½	1.58	0.032	6x6-W2.1xW2.1	18	14	33	34
6	1.74	0.036	6x6-W2.1xW2.1	18	14	33	34
6¾	1.97	0.043	6x6-W2.9xW2.9	18	14	33	34

### Light Weight Concrete (110 pcf)

Total Slab Depth (in.)	Theoretical Concrete Volume (yd <sup>3</sup> /100 ft <sup>2</sup> )	Min. A <sub>s</sub> for T&S (in. <sup>2</sup> )	Recommended Reinforcing for Temperature and Shrinkage				
			WWR (OR)	Bekaert Dramix® Steel Fibers Alternate to WWR (pcy)			
				3D 65/60BG	3D 80/60BG	4D 65/60BG	4D 80/60BG or 5D 65/60BG
4	1.12	0.028	6X6-W1.4xW1.4	N/A	33	33	34
4½	1.28	0.028	6x6-W1.4xW1.4	30	27	33	34
5	1.43	0.028	6x6-W1.4xW1.4	23	24	33	34
5¼	1.51	0.029	6x6-W2.1xW2.1	22	23	33	34
5½	1.58	0.032	6x6-W2.1xW2.1	22	23	33	34
6	1.74	0.036	6x6-W2.1xW2.1	22	23	33	34

#### Notes:

1. Recommended WWR reinforcing is for minimum temperature and shrinkage per SDI-C. Larger WWR may be required to comply with UL Fire Resistant Designs.
2. FRC reinforcement is based on IAPMO UES ER-497 and ISO 17025 facility test data.
3. Dramix® 4D 65/60BG, 4D 80/60BG and 5D 65/60BG should only be used when both required for diaphragm reinforcement and with minimum  $f'_c = 4$  ksi.
4. Dramix® fibers may be used in UL or ULC fire rated assemblies in lieu of WWR. See UL file R13907 for additional information.
5. For information on Bekaert Dramix® fibers contact 770-514-2295 or [infobuilding@bekaert.com](mailto:infobuilding@bekaert.com).

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# VULCRAFT® 3.5D FORMLOK® COMPOSITE DECK-SLAB WITH BEKAERT DRAMIX® STEEL FIBERS

## 3.5D FORMLOK DECK-SLAB

- 3½” Deep Composite Deck
- $f'_c = 3000$  psi (min.)
- UL Fire Rated



### Normal Weight Concrete (145 pcf)

Total Slab Depth (in.)	Theoretical Concrete Volume (yd <sup>3</sup> /100 ft <sup>2</sup> )	Min. A <sub>s</sub> for T&S (in. <sup>2</sup> )	Recommended Reinforcing for Temperature and Shrinkage				
			WWR (OR)	Bekaert Dramix® Steel Fibers Alternate to WWR (pcy)			
				3D 65/60BG	3D 80/60BG	4D 65/60BG	4D 80/60BG or 5D 65/60BG
5½	1.44	0.028	6x6-W1.4xW1.4	27	22	33	34
5¾	1.52	0.028	6x6-W1.4xW1.4	25	16	33	34
6	1.60	0.028	6x6-W1.4xW1.4	22	14	33	34
6½	1.75	0.028	6x6-W1.4xW1.4	19	14	33	34
7	1.91	0.032	6x6-W2.1xW2.1	18	14	33	34
7¼	1.98	0.034	6x6-W2.1xW2.1	18	14	33	34
7½	2.06	0.036	6x6-W2.1xW2.1	18	14	33	34
8	2.22	0.041	6x6-W2.1xW2.1	18	14	33	34

### Light Weight Concrete (110 pcf)

Total Slab Depth (in.)	Theoretical Concrete Volume (yd <sup>3</sup> /100 ft <sup>2</sup> )	Min. A <sub>s</sub> for T&S (in. <sup>2</sup> )	Recommended Reinforcing for Temperature and Shrinkage				
			WWR (OR)	Bekaert Dramix® Steel Fibers Alternate to WWR (pcy)			
				3D 65/60BG	3D 80/60BG	4D 65/60BG	4D 80/60BG or 5D 65/60BG
5½	1.44	0.028	6x6-W1.4xW1.4	N/A	33	33	34
5¾	1.52	0.028	6x6-W1.4xW1.4	34	30	33	34
6	1.60	0.028	6x6-W1.4xW1.4	30	27	33	34
6½	1.75	0.028	6x6-W1.4xW1.4	23	24	33	34
7	1.91	0.032	6x6-W2.1xW2.1	22	23	33	34
7½	2.06	0.036	6x6-W2.1xW2.1	22	23	33	34
8	2.22	0.041	6x6-W2.1xW2.1	22	23	33	34

#### Notes:

1. Recommended WWR reinforcing is for minimum temperature and shrinkage per SDI-C. Larger WWR may be required to comply with UL Fire Resistant Designs.
2. FRC reinforcement is based on IAPMO UES ER-497 and ISO 17025 facility test data.
3. Dramix® 4D 65/60BG, 4D 80/60BG and 5D 65/60BG should only be used when both required for diaphragm reinforcement and with minimum  $f'_c = 4$  ksi.
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5. For information on Bekaert Dramix® fibers contact 770-514-2295 or [infobuilding@bekaert.com](mailto:infobuilding@bekaert.com).

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