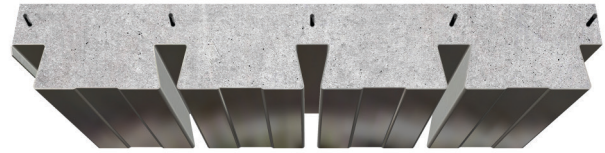


VERCO® 2.0D FORMLOK® COMPOSITE DECK-SLAB WITH BEKAERT DRAMIX® STEEL FIBERS

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 ³ /100 ft ²) | Min. A _s for T&S (in. ²) | 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 ³ /100 ft ²) | Min. A _s for T&S (in. ²) | 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.

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VERCO® 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 ³ /100 ft ²) | Min. A_s for T&S (in. ²) | 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 ³ /100 ft ²) | Min. A_s for T&S (in. ²) | 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.
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