



KF40[®] Bridge Void Panels

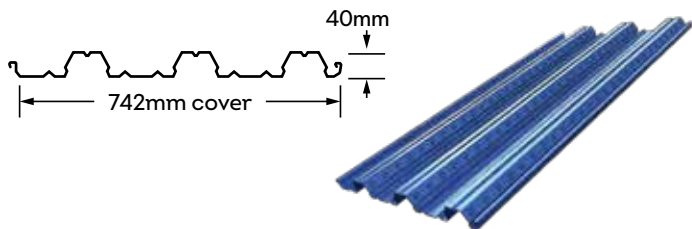
KF40® Bridge Void Panels



Fielders KingFlor® made with DECKFORM® steel is a permanent formwork solution suitable for concrete slabs across all types of construction, produced from 100% Australian-made BlueScope steel.

Fielders KF40® is a light-weight and economical formwork solution with a strong shear bond performance for robust composite slabs, combining the benefits of a traditional flat pan profile with a trapezoidal deck's concrete-saving advantages making it the perfect choice for use in bridge void panels.

| Material Properties | 0.75 BMT | 1.00 BMT |
|---|----------|----------|
| Mass Area - Average mass of 3-PAN deck per plan area (kg/m ²) | 8.35 | 10.97 |
| Mass Linear - Mass of individual 3-PAN length (kg/m) | 6.19 | 8.14 |
| Zinc Coating (g/m ²) (Z350) | 350 | 350 |
| Yield Strength (MPa) | 550 | 550 |



Features and Benefits

- Transport Main Roads approved alternative to fibre cement sheeting for the purpose of sacrificial formwork in-fill sheeting for Super Tee Girders in accordance with MRTS77 (July 2019) Clause 8.3.
- Manufactured from G550 (550 Mpa Yield Stress) steel in a 3 pan profile with a Base Metal Thickness (BMT) of .75mm and 1.0mm. The galvanized coating thickness is a Z350 (350g/m²) in accordance with AS 1397:2011.
- The profile features squash cut ends, eliminating the need for end caps on deck. The squash cut also provides a rigid and secure platform during construction.
- Pre-cut to exact void width eliminating further cutting during installation.
- Concrete savings up to 40kg/m² (16mm of slab depth)
- Faster and easier to install, requiring less labour and materials, overall install costs of KF40® are less than that of alternative timber-based panels.
- The structural integrity of KF40® is not compromised with prolonged weather exposure, unlike traditional Plyform

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