

Contec Fence Panel Technical Sheet

General features

Lightweight, fire resistant*, water penetration resistant**, pest resistant, fast and easy to install, versatile and affordable. Contec Fence Panel is an AAC, steel reinforced board. Reinforcement is Grade 70 steel covered with an anticorrosive coat. Contec Fence can be cut and drilled with conventional tools.

* Under ASTM E119-95 UL®

** ASTM E514

Uses

Contec Fence Panel can be used for fence construction on landscaping, providing privacy, protection and style. Decorative and creative ideas can be adapted to Contec Fences such as ornamental moldings, openings, posts, etc.

Dimensions

Length: 8 ft.
Width: 24 in.
Nominal Thickness: 2 and 3 in.

Properties

Thickness*	Length	Design Weight		Pieces per Pallet	Area Covered per Piece
		psf	lb/piece		
2 (1 15/16)	8	7.37	117.97	16	16
3 (2 15/16)		11.06	176.96	10	

Characteristic	Strength class GB3.3/0.6 (37 pcf) ⁽¹⁾
Design weight (pcf)	45
Modulus of elasticity (psi)	249,000
Drying shrinkage (in/ft)	0.003
Thermal expansion coefficient (1/°F)	4.4 × 10 ⁻⁶
Resistance to freezing ⁽²⁾	0.979

⁽¹⁾ Maximum dry density.
⁽²⁾ Ratio of final versus initial volume of sample subjected to freeze/thaw cycles.

* Nominal dimension (Exact dimension)

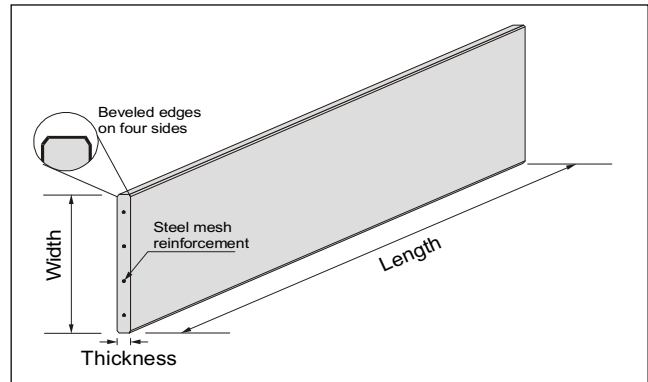


Fig. 1: Contec Fence Panel.

Design Considerations:

- Contec Fence Panel shall be designed in order to comply with safety and serviceability requirements as specified by ACI 318-95 and following guidelines of ACI 523.2/R-96.
- Wind speed can be up to 80 mph for a 2" thick Contec Fence Panel and up to 100 mph for a 3" thick Contec Fence Panel.
- Nominal heights for Contec Fence System should be 6 ft and maximum 8 ft.
- Contec Fence System requires post with grooves to insert Contec Fence Panels. The minimum depth of groove should be 1 1/2".
- Post must be designed according to Local Building Code (see Post for Contec Fence System).
- Posts, postcaps and concrete bases are not supplied by Texas Contec.
- Backer rod and caulking must be applied between the post groove and the Contec Fence Panel.

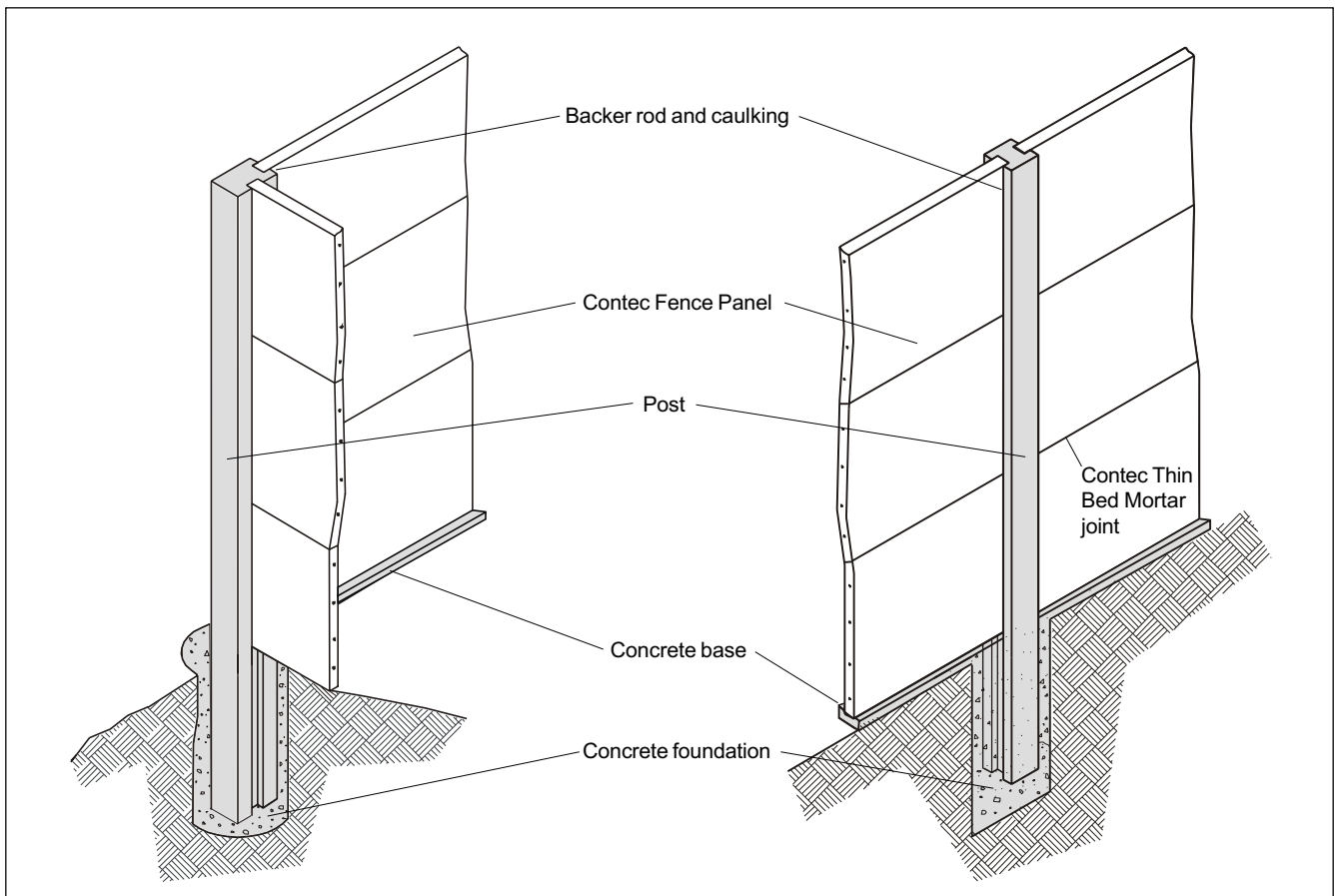


Fig. 2: Contec Fence System.