

EVERGREEN

Closed Face





QUIKSET S.A.
12-10 -97
CFW-5313-E
8,100 LBS

QUIKSET S.
12-2 -
CFW-5313
8,100 LBS

QUIKSET
11-14
CFW-5313
7,100 LBS

QUIKSET
11-14
CFW-5313
7,100 LBS

QUIKSET
11-14
CFW-5313
7,100 LBS

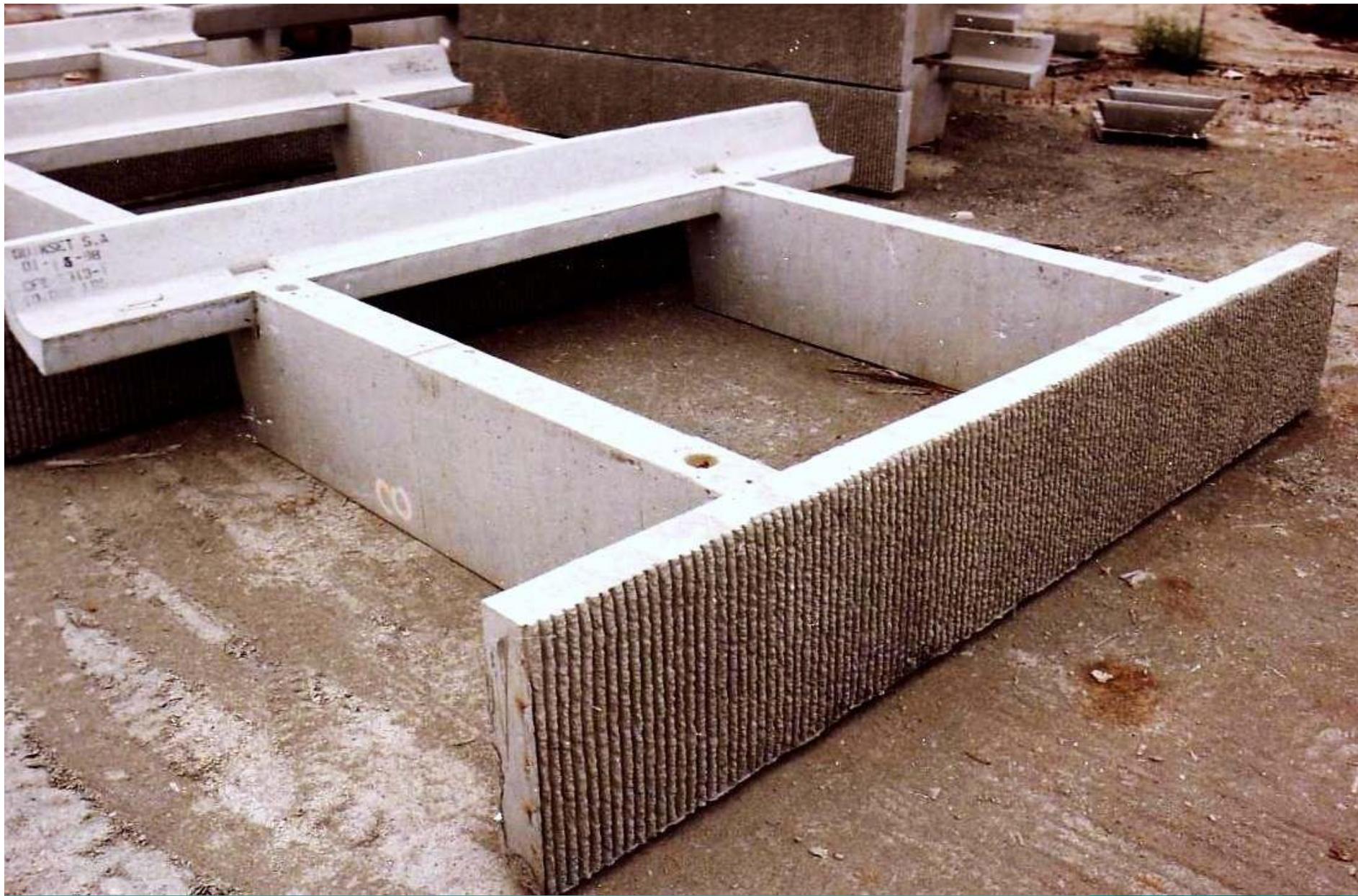
QUIKSET S.
12-1 -
CFW-5313-
8,100 LBS

QUIKSET S.A.
12-5 -97
CFW-5313-E
8,100 LBS

QUIKSET
11-14
CFW-5313
7,100 LBS

QUIKSET
11-25
CFW-5313
8,100 LBS

QUIKSET S.A.
12-3 -97
CFW-5313-E
8,100 LBS











SYSTEM EVERGREEN AG

EVERGREEN®

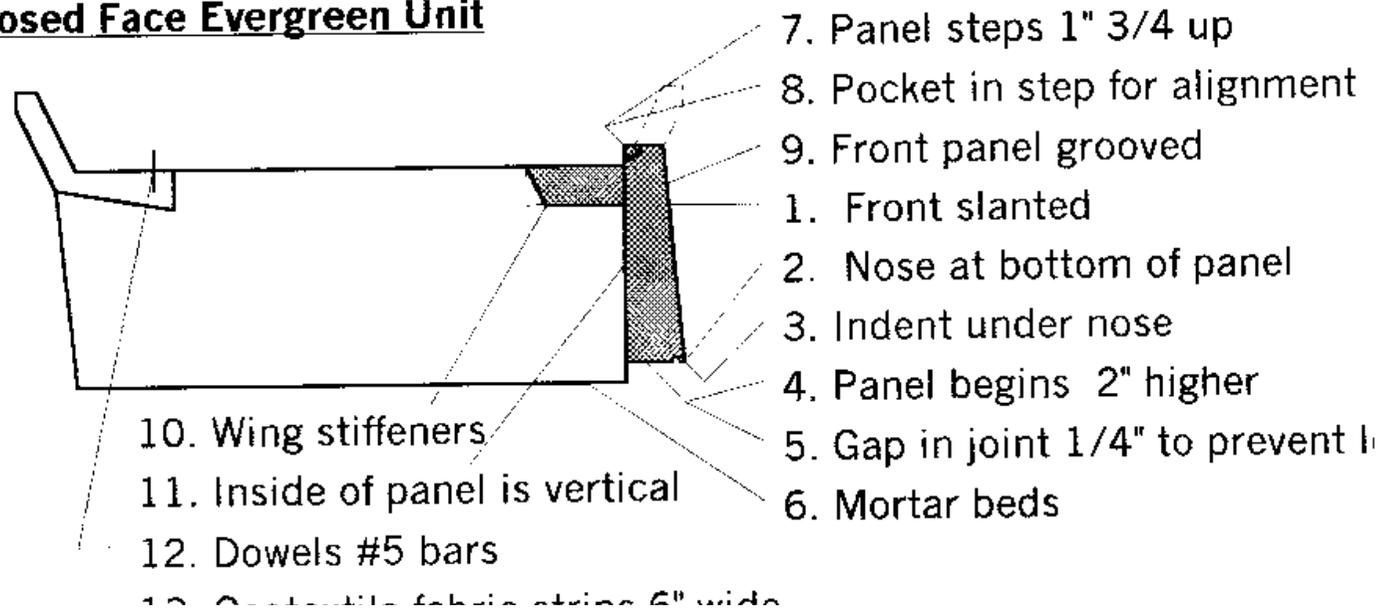


Geissbergstrasse 46 · CH 5408 ENNETBADEN · Switzerland
TEL 011 4156 222 0724 FAX 011 4156 222 9848
Ennetbaden, 22.08.02 CLOSED.WPS

Closed Face Evergreen Unit

Special features

Closed Face Evergreen Unit



11. Inside of panel is vertical

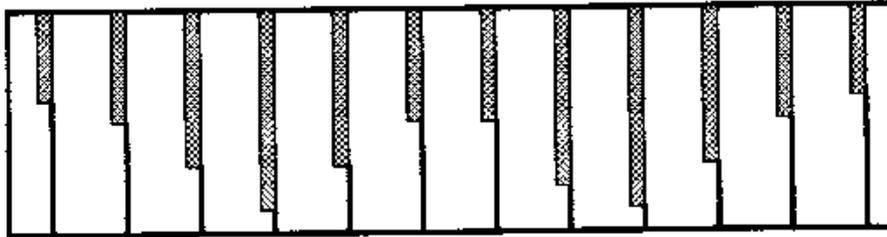
12. Dowels #5 bars

13. Geotextile fabric strips 6" wide
behind horizontal and vertical joints

5. Gap in joint 2/4 to prevent

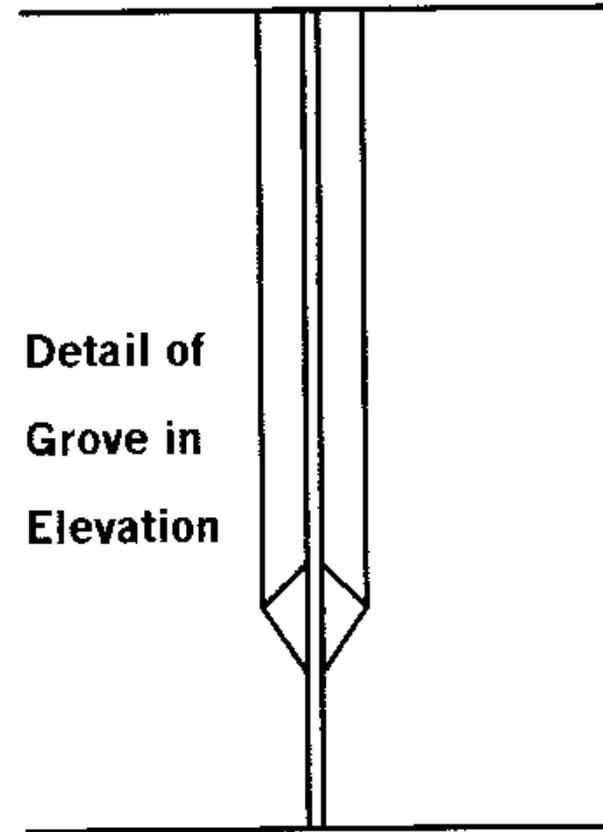
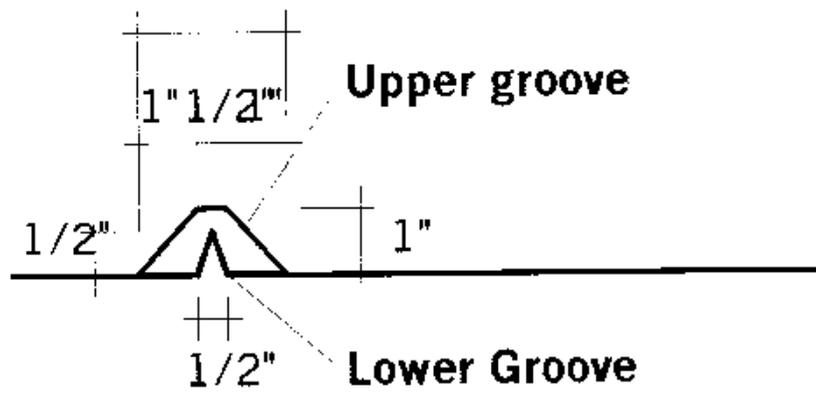
6. Mortar beds

1. **Front face panel is slanted** to catch rain for self cleaning.
2. **Nose** at bottom of front panel extends one inch to create a shadow over the joint to cover inaccurate erection.
3. **Indent** under nose for water drip.
4. **Panel begins 2 inches above bearing elevation of leg.** Use stirrup or dowel to prevent sliding of lowest unit on foundation.
5. **Gap under nose** - Panel is 2 inches short at bottom and steps up 1 inch $\frac{3}{4}$, on top, thus providing a $\frac{1}{4}$ inch joint gap to prevent load bearing on panel.
6. **Use Mortar beds** on each leg to prevent concentrated loads and subsequent spalling. This ensures perfect load transfer from leg to leg. First unit is to be placed on hardwood wedges for adjusting foundation inaccuracies and for adjusting proper elevation and slant for wall batter.
7. **Panel steps up** 1 inch $\frac{3}{4}$ above top of leg to for easy erection of next unit.
8. **Pocket in step** provides an indent in this step to ease erection and positioning of next unit.



Front elevation of Panel

Plan View (horizontal Section)



**Detail of
Groove in
Elevation**

9. Front of panel grooved, top portion : 1 inch 1/2 wide, 45°, 1/4 inch flat bottom, lower portion with 45° funnel into narrower groove 1/2 inch wide to bottom of panel.

Groves are wider in upper portion and narrower in lower portion to collect run-off water and bring it down on front of panel. These groves provide an esthetic pattern, which has the important function to prevent irregular distribution of run-off water and sediment, thus prevent uneven staining of concrete panels. Width and position of transition to narrower groove permits an esthetic pleasing front face appearance.

10. Wing Stiffeners are positioned behind top of front panel to ensure sufficient bending resistance against silo pressures from inside of Evergreen units.

11. Inside of Panel is slightly slanted for easier stripping and for economizing concrete volume and weight. Panel thickness 5 inches.

12. Dowels #5 bars are used in box out as usual for lateral sliding resistance as usual for Evergreen walls, two dowels per unit.

13. Geotextile fabric strips, 6 inches wide are used behind vertical and horizontal joints to prevent erosion of fill.

Consult Evergreen minimum requirements for design, fabrication, transport, erection of closed face Evergreen units.

Special items regarding closed face Evergreen are protected by United States Patent Number 5,419,092, as issued on May 30, 1995.

SYSTEM EVERGREEN AG

Enclosures:

- Closed Face Evergreen design drawing
- US Patent : relevant parts