Welded assembly at domes and perimeter

Draw quality steel bottom pan with structural dome design

Cementitious core material

Painted finish

Full hard cold rolled steel top sheet

**TOP VIEW**

**CORNER DETAIL**

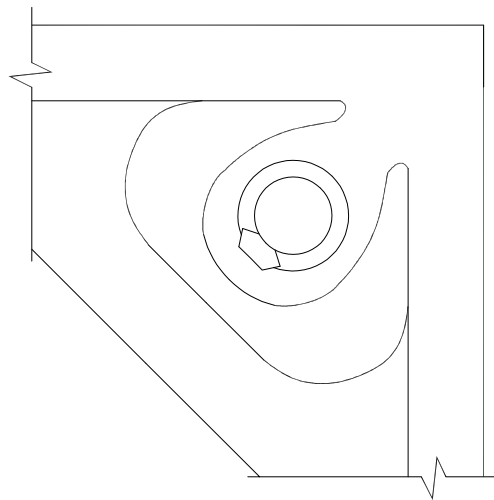**Laminated Panel With Integral Trim**

1-5/8" deep

1-3/8" deep at corners

## SPECIFICATIONS

*General information (Bare Panel)*

- All steel welded construction filled internally with a cementitious core material.
- Protected from corrosion by an epoxy paint finish.
- Class A flame spread rating.
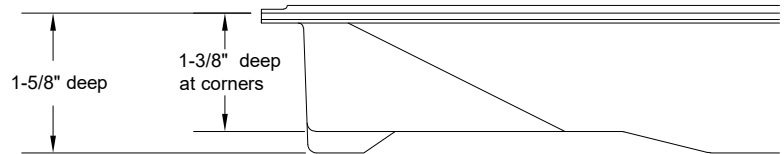
## UNDERSTRUCTURE OPTIONS

☐ 2" Deep x 4' Bolted Stringer in a basketweave configuration w/ 8 ga. fillet welded heads

## COVERING OPTIONS

Tile factory laminated with integral trim edge

☐ 1/16" HPL_____(Color)_____

### System Performance Criteria (Tested on Actual Understructure)

| System Type | | SYSTEM WEIGHT | STATIC LOADS | | | ROLLING LOADS | | IMPACT LOADS |
|---|---|---|---|---|---|---|---|---|
| Panel | Understructure | | Design Loads | Ultimate Loads | Safety Factor | 10 Passes | 10,000 Passes | |
| ConCore 4000 -24" Bare | 2" Deep Bolted Stringer | 13.95 lbs / ft² 68 kg / m² | 4000 lbs 1800 kg | Min. 8000 lbs Min. 3630 kg | Min. 2 | 2700 lbs 1225 kg | 2400 lbs 1089 kg | 300 lbs 136 kg |

| COVERING | TILE WEIGHT | PERFORMANCE[3] |
|---|---|---|
| High Pressure Laminate (Tile only) | 0.38 lbs / ft² 1.83 kg / m² | Based on NEMA LD 3 Standard for High Pressure Laminate |

**1.** System Design Load is based on permanent set ≤ 0.010" and is verified by loading panels in accordance with the CISCA concentrated load method but with panels installed on actual understructure instead of steel blocks. (Testing on blocks does not represent performance of an actual installation.) Ultimate, Rolling, and Impact Load tests are performed using CISCA test procedures.
**2.** Safety Factor is Ultimate Load divided by Design Load.
**3.** High Pressure Laminate Manufacturers rate their tile's performance based on NEMA LD 3 standard for High Pressure Laminate. Contact tile manufacturer for more information.

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