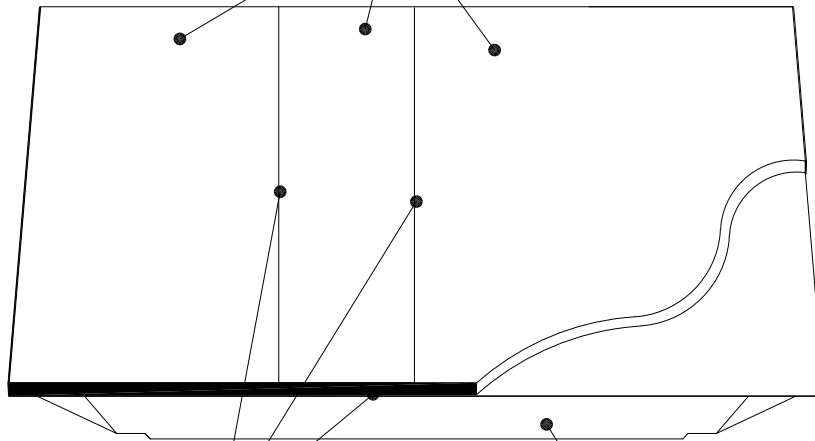


Multi-Piece Porcelain Tile
(Maximum of 5 pieces,
2" minimum width)



TOP VIEW

Edge Band

Steel Welded
ConCore Panel

SPECIFICATIONS

General information

- 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

- ☐ 4' x .048" Bolted Stringer in a basketweave configuration (CCN1500)
- ☐ 4' x .054" Bolted Stringer in a basketweave configuration with 8 ga. fillet welded heads (CCN2500/3000)

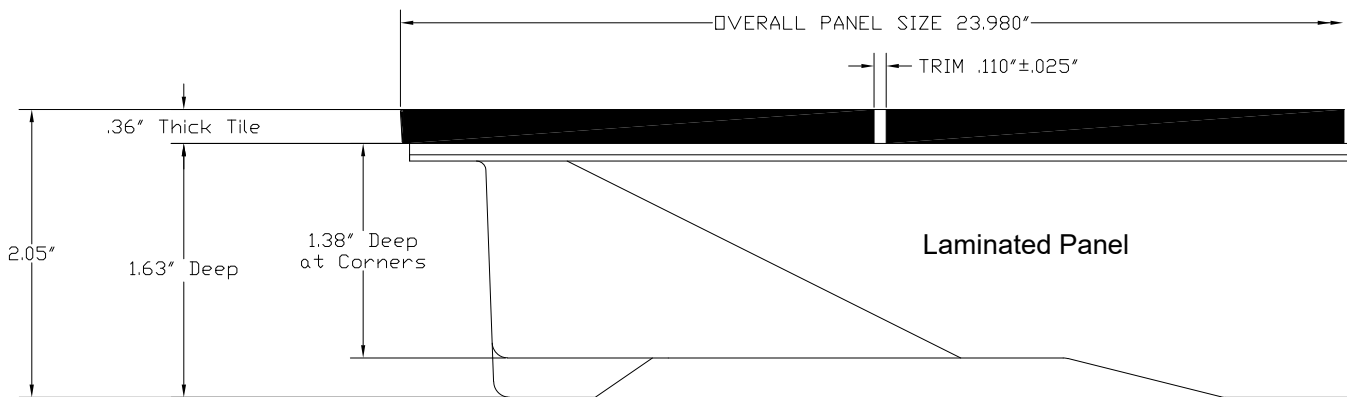
COVERING

Casal Grande tile factory laminated with edge band

- ☐ .36" Porcelain(Color) _____

Edge band color

- ☐ Black ☐ Dark Grey
- ☐ Light Grey ☐ Beige



Grout lines will be simulated with edge band strips. Tolerance for gaps between tiles will be .110" ± .025". There will be height differences of up to .045" from tile to tile and panel to panel.

System Performance Criteria*

System Type	Understructure	SYSTEM WEIGHT	STATIC LOADS			ROLLING LOADS		IMPACT LOADS
			Design Loads ¹	Ultimate Loads	Safety Factor ²	10 Passes	10,000 Passes	
ConCore 1500 bare panel for use with 2 piece porcelain	4' x .048" Bolted Stringer	10.5 lbs / ft ² 51.3 kg / m ²	1500 lbs 680 kg	Min. 3000lbs Min. 1360kg	Min. 2	1250 lbs 567 kg	900 lbs 408 kg	150 lbs 68 kg
ConCore 2500/3000 bare panel for use with 3 to 5 piece porcelain	4' x .054" Bolted Stringer	13.0 lbs / ft ² 63.5 kg / m ²	2500 lbs 1134 kg	Min. 5000lbs Min. 2268kg	Min. 2	2000 lbs 907 kg	2000 lbs 907 kg	200 lbs 91 kg

COVERING	TILE WEIGHT	LOAD PERFORMANCE
24" Porcelain Tile (Tile only)	5 lbs / ft ² 24.4 kg / m ²	See note 3

1. System Design Load is based on permanent set ≤0.010" and is verified by loading panels in accordance with the CISCAs 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 CISCAs test procedures.

2. Safety Factor is Ultimate Load divided by Design Load.

3. Most porcelain tile manufacturers base their performance on tile installed on slab. Due to the deflection of an Access Floor, we do not recommend using the 3" x 1-13/16" hard rubber or phenolic wheel with 1/16" crown specified by CISCAs as Wheel #1 for the 10 pass rolling load, and recommend limiting loading to no more than 600 lbs. Impact loads may result in damage to the tile. Contact tile manufacturer for more information.

4. Published load ratings do not apply to perimeters, cut panels or panels with cutouts.



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