

# PANEL STRIP TIME REPORT

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TABLA Panel Strip Time Report

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Gillespie Practical Technology has invented a slab form and shore system which has a firm root in existing and traditional ACI documents. The TABLA system combines

- 1.) **Shoring:** support of wet weight and placing loads; with
- 2.) **Reshoring:** support of curing or dry weight.

In ACI 347R-04 definition, stripping the panels out separately from their shoreposts equals the "Backshoring" method of floor construction. "Backshoring" is defined in 347's document as stripping out ONLY SMALL AREAS of form, and immediately placing reshores so "the slab does not deflect and carry its own weight" alone. Backshoring has been found by long practice as satisfying the need for form removal while maintaining immediate green slab support. Thus, structurally, the TABLA panel-removal method does not strip TABLA prop supports, while it does permit the Contractor to get out the panels alone.

With props in place, as-cast, no slab is allowed to deflect and transfer its own weight to beams and columns. Nor, is any beam on TABLA shoring allowed to transfer its own weight to columns and walls. Both are completely supported according to Code. Soffit areas are subject to curing spec's and top live load limits (20 psf, overall average, max), of course.

TABLA shoring patterns are the same for any slab thickness: 4 ft x 8 ft max. The concrete green strength needed before panel strip depends on concrete tensile capacity for post punching shear and "unreinforced" bending (per tilt-up standard practice) rather than traditional compression strength. If compression strength is in the range of 2000 psi, and modulus of rupture (beam test) tensile strength in the range of 250 - 300 psi, then panels may be stripped. If these levels can't be guaranteed, the panels must stay in place until they are known and guaranteed.

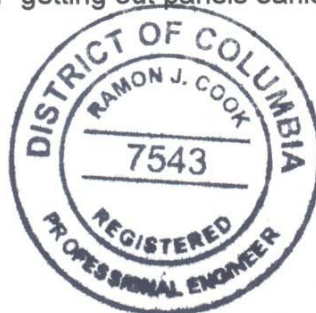
At all times, Owner's specification minimum concrete compression strength stripping time in contract documents does apply to TABLA prop removal, however.

"Reshoring" is another process, totally separate from TABLA panel removal. TABLA props may be reshores, also, and often are. But, other reshoring methods are available, and are not germane to the subject of "getting out panels earlier than props".

Respectfully submitted,



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