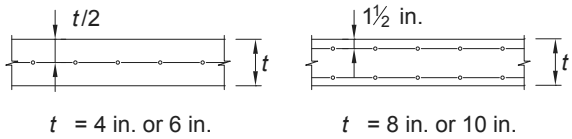


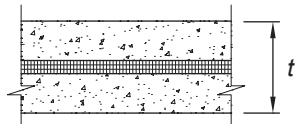
Design Aid 3.13.5. Partial Interaction Curves for Precast, Reinforced Concrete Solid and Insulated Wall Panels



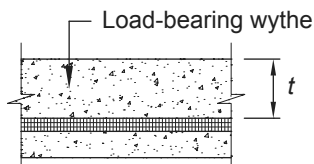
Curves based on minimum vertical reinforcement
 $\rho = 0.10\%$
 $f'_c = 5000 \text{ psi normalweight concrete}$
 $f_y = 60,000 \text{ psi}$

t, in.	Full interaction curve data			
	ϕP_o	ϕP_{nb}	ϕM_{nb}	ϕM_c
4	134	67	5.5	0.5
6	202	100	12.4	1.0
8	269	131	22.6	1.8
10	336	164	35.5	2.8

Units for ϕP are kip, units for ϕM are kip-ft.
 Values are for 1 ft width.



Fully composite sandwich panel



Partially composite or noncomposite

