











How Much Fly Ash is Available/- Used Annually? (continued)					
	World		500 M ^T		
	BC uses		160,000 M [⊤]		
LEVELON Engineering Schlicos					





Practical Replacements with Today's Construction					
	Piles footings rafts	40 - 50%			
	Walls, columns	30 - 40%			
	Slabs, suspended	20 – 25%			
	Topping	15 – 20%			
	Tilt-up	0 – 15%			
	Precast	0 – 30%			
LEVELTON Engineering Schuber	Note: varies with ambient temperature				





























Levelton re MSE Walls					
	Mix	Cement	330 kg/m³		
		Fly Ash	30 kg/m³ (8%)		
		Silica Fume	34 kg/m³ (9%)		
	After Scaling Test				
		Visual Class	$1 \rightarrow 2$		
LEVELTON Engineering Solutions		Mass loss	0.24 kg/m³		

Abrasion Resistance (after Malhotra, Mehta)					
	Cementing Materials	Depth of Wear, mm @ 90 days			
	OPC	1.94			
	High Early	1.56			
	High Early with 50% fly ash	1.64			
	OPC with 50% fly ash	1.45			
	All mixes 40 to 45 MPa	26			











