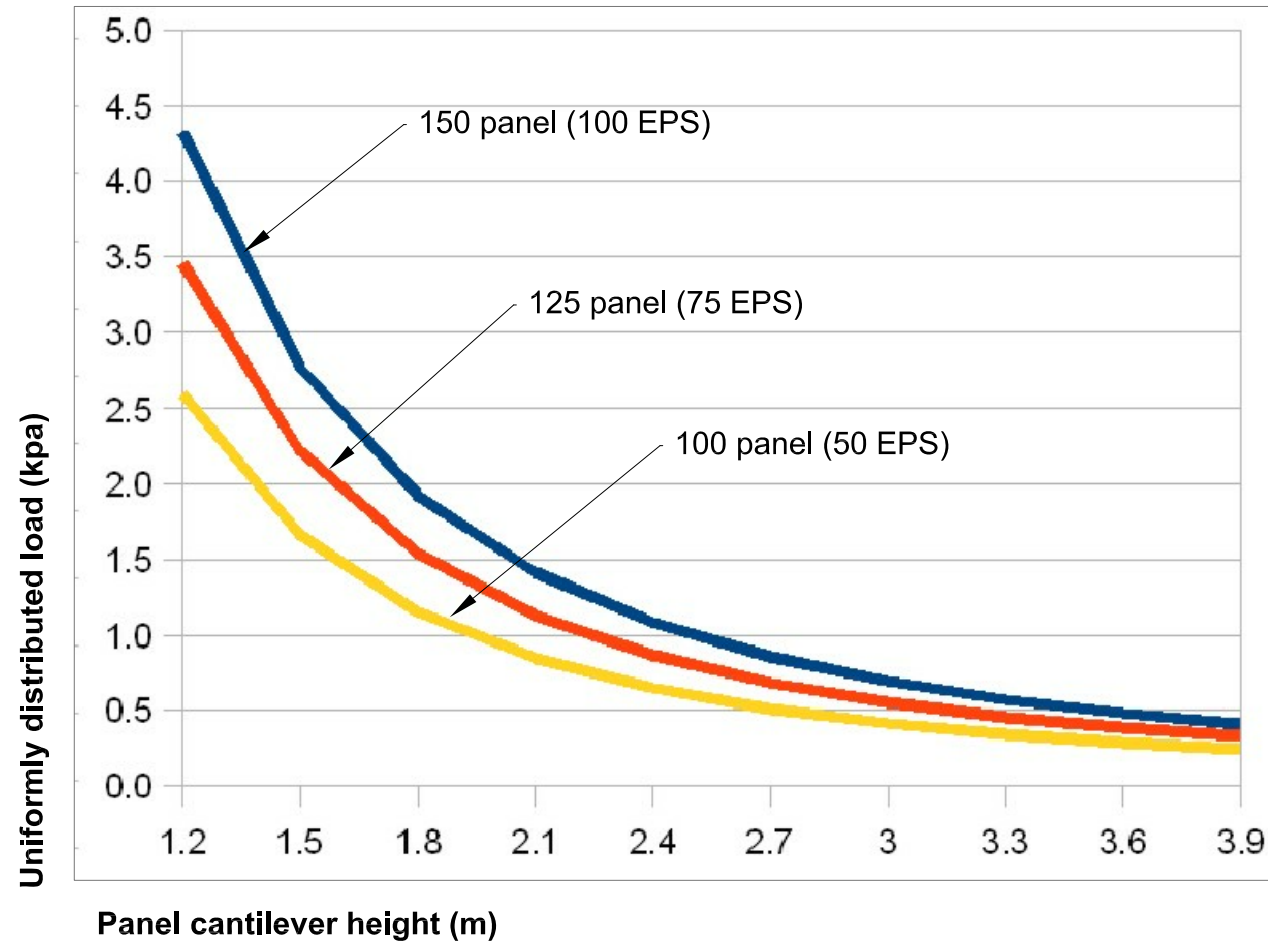
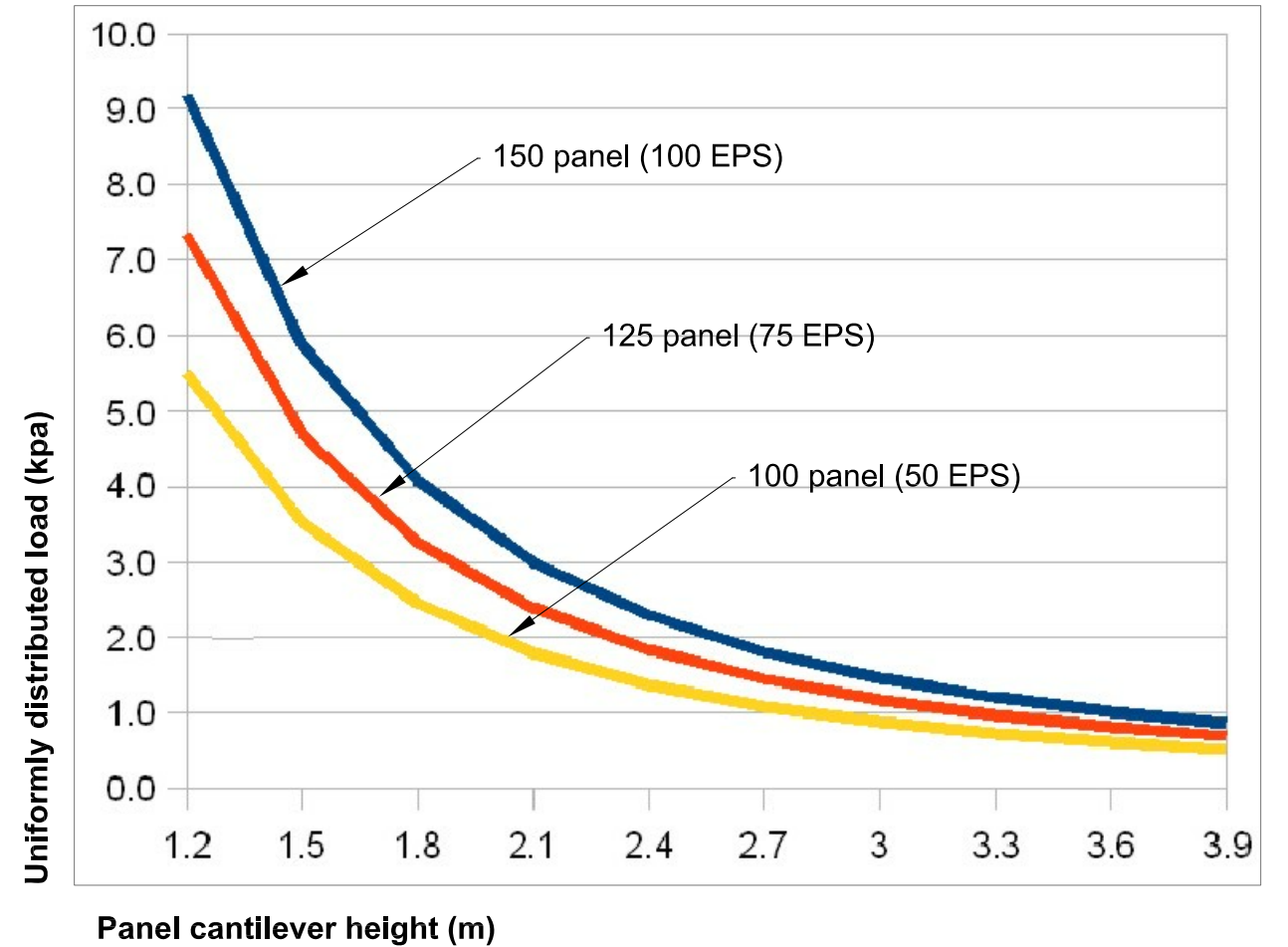


ASSOCIATED CONSULTANTS	Designed	JMF				STANLEY AND PARTNERS Pty Ltd Consulting Engineers 23 Loraine Street, Capalaba - PO Box 533, Capalaba Q 4157 T: 3245-1148 F: 3390-1654 E: mail@spcivil.com	Project VolcanWall panel system for Australian use Client VolcanWall Australia Pty Ltd	Drawing Title Typical buttressed acoustic barrier details		
	Drawn	JMF						Job reference 1501	Drawing no. 01	Issue B
	Checked							Approved 	RPEQ 0835	DATE



Allowable Working Load for $f_s = 200$ MPa

Note: these charts are based upon calculation of allowable moments after linear behaviour of the panel under load testing as per the test setup on sheet 04.



Ultimate Load for $f_y = 500$ MPa with capacity reduction factor = 0.85

ASSOCIATED CONSULTANTS	Scale: 1:5					STANLEY AND PARTNERS Pty Ltd Consulting Engineers 23 Loraine Street, Capalaba - PO Box 533, Capalaba Q 4157 T: 3245-1148 F: 3390-1654 E: mail@spcivil.com Approved: <i>[Signature]</i> RPEQ 0835 DATE	Project: VolcanWall panel system for Australian use	Drawing Title: Typical acoustic barrier details		
	Designed: JMF	A Preliminary issue JMF 07/04/09					Client: VolcanWall Australia Pty Ltd	Job reference: 1501	Drawing no.: 03	Issue: A
	Drawn: JMF	Issue Reason By Date								