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TEST REPORT

Title : **Performance Testing of Raised Access Flooring System – M14 Pedestal with P1 Panel**

Laboratory Number : **SW277/03**

Client : 
Formmetal Ltd. Sti.
Organize Sanayi Bolgesi
Babursah Cad. No: 18
Sincan 06930
Ankara
Turkey

For the Attention of : **Sedat Tekgül**

Date Received : **4th July 2003**

Date Tested : **July – October 2003**

Authorised by : **Mr.D.Dix**

Date of Issue : **8th December 2003**

Our Reference : **DD/H/SW277.03 Formmetal**

Table 3
Load Tests on Panels & Pedestals & Safety Factor Tests
(T8.00 + T11.00)

Test No.	Property	Test Value				Specified Limit
T8.00	25mm Square Point Load Test 17.6°C 77% RH Load 3kN	Centre of Panel	Centre of Edge	Centre of Adjacent Edge	70mm Along Diagonal from Pedestal Edge	
	Deflection after 23h (mm)	1.56	2.50	2.53	1.36	
	Deflection after 24h (mm)	1.58	2.52	2.52	1.38	2.40mm max
	Stability (mm)	0.02	0.02	0.02	0.02	0.02mm max
	Residual Deflection (mm)	0.22	0.22	0.28	0.20	0.50mm max
	Permanent Indentation (mm)	0.04	0.08	0.08	0.07	0.15mm max
	Other Deformation	None	None	None	None	
(T11.00)	Safety Factor Load Test	Severe indentation of top surface of panel.				No Failure at 3x working load

Table 4
Panel deflection Tests & Safety Factor Tests
(T10.00 + T11.00)

Test No.	Property	Test Value					Specified Limit
T10.00	Uniformly Distributed Load Test 17.6°C 77% RH Load 8kNm ⁻² (2.88kN)	Centre of Edge 1	Centre of Edge 2	Centre of Edge 3	Centre of Edge 4	Centre of Panel	
	Deflection after 23h (mm)	1.27	1.30	1.34	1.29	1.10	
	Deflection after 24h (mm)	1.28	1.31	1.36	1.29	1.11	2.40mm max
	Stability (mm)	0.04	0.01	0.02	0.00	0.01	0.02mm max
	Residual Deflection (mm)	0.15	0.11	0.12	0.13	0.12	0.50mm max
	Permanent Indentation (mm)	Nil	Nil	Nil	Nil	Nil	0.15mm max
	Other Deformation	None	None	None	None	None	
(T11.00)	Safety Factor Load Test	No damage to panel or pedestals.					No Failure at 3x working load