



CIVIL-AID Technoclinic Pvt. Ltd.
1030, 13th Cross, Banashankari 2nd Stage, Bangalore 560 070
NABL Accredited Laboratory as per ISO 17025

Test order No.11/1680
Dated 26.11.2012

To : M/s. M/s. Indcon Instructurals Pvt. Ltd.

TABLE

Source of sample : Sample supplied by the customer
Dimension of Sample : Scudo tiles – 200 mm x 200 mm – 3 Nos. &
250 mm x 250 mm – 3 nos.
Clay tiles – 220 mm x 220 mm – 6 Nos.
Duration of heat * : 25 minute
Environment Condition : Humidity – 62%, Temperature – 24.5°C
Details of Temperature : **Infra Red Surface Temperature Sensor Indicator**
Distance between tile surface:
to tip of electric bulb : 70.0 mm
Number of samples tested : 12 Nos.

Sl. No.	Parameter Measured	Test Result			
		Clay tiles		SCUDO Tile	
		Individual	Average	Individual	Average
1	Initial temperature – Top surface (°C)	25.1	25.1	25.1	25.1
		25.1			
		25.1			
		25.1			
		25.1			
		25.1			
2	Final Temperature – Top surface (°C)	54.0	55.9	42.2	43.9
		56.5			
		54.6			
		60.1			
		55.7			
		54.6			
3	Final Temperature – Bottom surface (°C)	44.5	46.1	34.1	37.0
		46.7			
		43.6			
		50.2			
		45.4			
		45.9			

Remarks: Scudo roof tiles were cooler than clay tiles by 12°C(top surface) and by 9.1°C(Bottom surface) when expose to identical thermal radiation for same amount of time

- Note :**
1. The results relate only to the items tested.
 2. Report shall not be reproduced, except in full, without the written approval of the laboratory.
 3. Any correction invalidates this report.



Radhakrishna
27/11/12

RADHAKRISHNA
Sr. Technical Officer