

**CHETAN R. RAIKAR**
Managing Director

CERTIFICATE NO. & DATE: R&D/LAB/2006/60819/1167

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|---------------------------------|---|--|
| 1. Name and Address of Client | : | Shenisha Corporation
108, Super Market,
Monghibai Road,
Vile Parle (East),
Mumbai 400057 |
| 2. Project / Site | : | Lodhi Hotel, Delhi |
| 3. Client's Reference | : | Shenisha Corporation |
| 4. Sample | | |
| i) Description | : | GRC Screen |
| ii) Quantity | : | 1 No. |
| iii) Date of receipt | : | 30/05/2006 |
| iv) Condition | : | Acceptable |
| 5. Test method followed, if any | : | As specified by Client |
| 6. Date of Testing | : | 9/06/2006 |

**TEST REPORT****SOFT AND HEAVY BODY IMPACT TEST*****PROCEDURE**

The arrangement for mounting GRC screen shall be made as follows, 75 x 75 x 6 mm two nos. MS angles are to be fixed vertically back to back. The height of screen is 3000 mm x 1520 mm wide and these MS angles are to be fixed to the vertical side. The fixing location of screen to the MS angles will be given separately and accordingly the slots in angles are to be made.

A spherical leather sail cloth bag of approximately 350 mm in diameter is filled with sand until it reaches a mass of 200 N (20 KG). The bag shall be hang as a pendulum arrangement to strike the GRC screen at the level of 1500 mm in position shown hang in such a way that when at rest the bag just touches the GRC screen. The normally hung GRC screen (with necessary fixtures) is given five impact of spherical leather bag at the 1500 mm position.



Size of GRC Screen 1530 x 2920 mm

Sr.No.	Weight of Sail cloth bag (Kg)	Distance in horizontal plane (mm)	Distance in vertical plane (mm)	Given Impacts (Nos.)	Observations
1	5	800	1000	5	Fracture not observed in any part of GRC Screen
2	5	1200	1000	5	Fracture not observed in any part of GRC Screen
3	10	800	1000	5	Fracture not observed in any part of GRC Screen
4	10	1200	1000	5	Fracture not observed in any part of GRC Screen
5	15	800	1000	5	Fracture not observed in any part of GRC Screen
6	15	1200	1000	5	Fracture not observed in any part of GRC Screen
7	20	800	1500	5	Fracture not observed in any part of GRC Screen
8	20	1200	1500	8	Fracture observed in the middle portion of the GRC screen.

NOTE:

- This certificate refers only to the sample submitted for testing.
- This certificate is valid at the time of and under the conditions specified herein.
- This certificate may not be reproduced in part, without the permission of this laboratory.
- Any correction invalidates this certificate.
- * As specified by Client.

EXECUTIVE - R & D