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| Laboratory | Centre for Testing And Evaluation of Wood Composites, IPIRTI, Yeshwanthpur, Tumkur Road, Bangalore, Karnataka | | |
| Accreditation Standard | ISO/IEC 17025: 2005 | | |
| Discipline | Chemical Testing | Issue Date | 17.12.2013 |
| Certificate Number | T-1578 | Valid Until | 16.12.2015 |
| Last Amended on | - | Page | 1 of 2 |

| S.No. | Product / Material of Test | Specific Test Performed | Test Method Specification against which tests are performed | Range of Testing / Limits of Detection |
|------------------------------|---------------------------------------|---|--|---|
| I. BUILDING MATERIALS | | | | |
| 1. | Phenolic and Amino Resins | BWP GRADE (Boiling Water Proof) Six cycles : Each cycle consisting of 8 hours boiling in water and thereafter drying at 65 ± 2 ⁰ C for 16 hours | IS: 848 – 2006, Amended Aug 2007 | Visual |
| | | BWR GRADE (Boiling Water Resistant) Three cycles : Each cycle consisting of 8 hours boiling in water and thereafter drying at 65 ± 2 ⁰ C for 16 hours | IS: 848 – 2006, Amended Aug 2007 | Visual |
| | | MR GRADE (Moisture Resistant) Three cycles : Each cycle consisting of 3 hours at 60 ± 2 ⁰ C in water and thereafter drying at 65 ± 2 ⁰ C for 8 hours | IS: 848 – 2006, Amended Aug 2007 | Visual |
| | | Acidity/Alkalinity (pH of the cured film) | IS: 848 – 2006, Amended Aug 2007 | 0.01 -14 |
| | | Storage Period | IS: 848 – 2006, Amended Aug 2007 | Visual |
| 2. | Shuttering Plywood | Moisture content | IS: 1734– 1983 (RA 2003) | 0.1-20% |
| | | Density | IS: 1734– 1983 (RA 2003) | 500-900 kg/m ³ |

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|-----------|---------------------------------------|---------------------------------------|---|--|
| | Shuttering Plywood | Total Preservative chemical retention | IS: 2753– 1964 (RA 2005) | - |
| | | Copper | IS: 2753– 1964(RA 2005) | 0 - 40 kg/m ³ |
| | | Chromium | IS: 2753– 1964 (RA 2005) | 0 - 40 kg/m ³ |
| | | Arsenic | IS: 2753– 1964 (RA 2005) | 0-10 kg/m ³ |
| | | Boron | IS: 2753– 1964(RA 2005) | 0 - 5 kg/m ³ |
| | | Total Retention | IS: 4990 (RA 2005) | 0 - 40 kg/m ³ |
| 3. | | Marine Plywood | Moisture content | IS: 1734– 1983 (RA 2004) |
| | Density | | IS: 1734– 1983 (RA 2004) | 500-900 kg/m ³ |
| | Total Preservative chemical retention | | IS: 2753– 1964(RA 2005) | - |
| | Copper | | IS: 2753– 1964(RA 2005) | 0 -40 kg/m ³ |
| | Chromium | | IS: 2753– 1964(RA 2005) | 0 -40 kg/m ³ |
| | Arsenic | | IS: 2753– 1964(RA 2005) | 0 -10 kg/m ³ |
| | Boron | | IS: 2753–1964(RA 2005) | 0 -5 kg/m ³ |
| | Total Retention as Per | | IS: 710– 1976 (RA 2004) | 0 -40 kg/m ³ |

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