



TEST CERTIFICATE LEAK LOCK

| | TEST RESULTS | | REQUIREMENT AS PER IS: 2645 - 2003 |
|--|-----------------|----------------------------|--|
| <u>CHEMICAL PROPERTIES</u> | | | |
| 1. Chlorides | 0.021% | | Not more than 0.1% |
| <u>PHYSICAL PROPERTIES:</u> | | | |
| 1. Specific Gravity | 1.02Grms./CC | | |
| 2. PH Value | 9.00 | | |
| 3. Solid Content Percent | 22.4 | | |
| 4. Setting Time (in Minutes) | Blank Cement | With 0.25% of LEAK-LOCK | |
| a) Initial (IST) | 125 | 120 | Minutes 30 Minimum |
| b) Final (FST) | 230 | 235 | Minutes 600 Maximum |
| 5. Compressive Strength {1MPa = 10 Kg / Cm ² } | | | |
| 3 Days | 27.0 | 27.5 | Not less than 27 Mpa not Less than 80% of the 3days (72-h) compressive strength Of mortar cubes prepared with Cement and sand only. According to IS : 4031:1968 |
| 7 Days | 38.0 | 38.5 | Not less than 37mpa not Less than 80% of the 7days (168-h) compressive strength Of mortar cubes prepared with Cement and sand only. According to IS : 4031:1968 |
| 6. Permeability to water – with 0.25% Water of LEAK-LOCK Liquid i.e @125ml Dosage per bag of 50Kgs Cement | 40.00% | | Specimens incorporating the proofing compound is less than 50% of the average percolation in the cas of the specimens Without the water proofer. |
| Temperature During the Testing (°C) | 25°C ± 2° C | | |