

NEW MATERIALS/TECHNIQUES ACCREDITED BY THE INDIAN ROADS CONGRESS

The Committee for Accreditation of New Materials and Techniques, formed under the aegis of Highway Research Board of Indian Roads Congress, to accredit patented or new materials/techniques, developed in India/abroad and evaluated as per recognized National/International Specifications has accredited the following 18 new materials for a period of 2 years for being used on trial basis:

| Sl No. | Name of the New Material / Technique | Usage |
|--------|---|--|
| 1 | Imperial Smelting Furnace (ISF) Slag | As fine and coarse aggregates & as filler for road embankment. |
| 2 | Wacker BS® Drysoil | Acts as a water repellent in cohesive and inferior soils. |
| 3 | SoilFix – Bound Pavement Stabiliser | For stabilization of sub-base and base course layers for road pavement. |
| 4 | Matellurgical Slag (Waelz Kiln Slag) | Used in embankment, sub-base and bituminous /concrete pavement. |
| 5 | RBI Grade 81 - Soil Stabilizer | For improving the engineering properties of soil. |
| 6 | Recron 3 S Dossier | Synthetic triangular fibres to improve engineering properties of concrete |
| 7 | Zycosoil™ Nano Technology | In water-proofing for roads. |
| 8 | Brifen Wire Rope Safety Fence | Expressways, dual carriageway, highways and hill roads. |
| 9 | Renolith Based Technology | A polymer based formulated product which when mixed with cement and soil, sets to a hard concrete like structure with high compressive strength alongwith good flexibility and low water absorption. |
| 10 | Jute Geotextiles | To improve properties of subgrade layer of roads and hill slopes. |
| 11 | Evercrete® - DPS | Concrete preserver and water proofing product, spray applied to concrete and cementations surfaces to preserve, waterproof, strengthen and harden the treated areas. |
| 12 | ASPHALTOSEAL | On concrete decks for waterproofing purpose in lieu of mastic asphalt under BC overlay. |
| 13 | Diamond Grade Cubed Reflecting Sheeting – DG3 | Reflecting sheeting. |
| 14 | Cold Applied Reflective Road Marking Paint | Reflective road marking paint. |
| 15 | Copper Slag | For stabilisation of sub base/base courses and in embankment. |
| 16 | CONSOLID System | For stabilisation of sub base/base courses and in embankment. |
| 17 | ARRB Australia Make Handheld Roughometer-II | For measuring roughness value. |
| 18 | Pavement Quality Indicator PQI-301 (Non-Nuclear) TRAN STECH, USA Make | For measuring density readings of newly-laid asphalt pavements. |