

NEW MATERIALS /TECHNIQUES/EQUIPMENT ACCREDITED BY IRC

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 new materials/techniques for a period of 2 years for being used on trial basis:

Sl. No.	Name of the New Material/Techniques	Usage	Date of issue of Accreditation Certificate	Contact Address of Manufacturer/Promoter	Phone
1	Delta Denmark Make Retro Sign GR3 Retroreflectometer	For measuring retro-reflectivity of road signages	07-Jun-2010	M/s. Taisei International "Taisei House", No. H-84, Plot 1421, 13th Main Road, Annanagar CHENNAI – 600 040	044-26163830 044-26162877
2	Delta Denmark Make LTL XL Retroreflectometer	For measuring retro-reflectivity of pavement markings	07-Jun-2010	M/s. SRMB Srijan Limited SRMB House, 7 Khetra Das Lane KOLKATA – 700 012	033-40090000 033-22110483
3	SRMB Azar	Composite Sacrificial Zinc Coating (ZINGA) to control the menace of corrosion on structural and civil structures	07-Jun-2010	M/s. MeadWestVaco India Pvt Ltd, 7th Floor, Kumar Business Centre, Bund Garden Road, PUNE - 411 001	098300 36126
4	Evotherm Warm Mix Technology	Eco-friendly pavement construction technology	07-Jun-2010	M/s. Sumer Infrastructure Pvt. Ltd. Atlas Mills Compound P.D'mello Road Mazgaon, Reary Road MUMBAI – 400 010	022-2374 0303 022-2374 0505
5	Carboncor	Road paving products used in cold mixes for repairs and surfacing	07-Jun-2010	M/s. Sri Venkateshwara Fibre Udyog #137, 7th "A" Main, 3rd Stage 4th Block, Basaveshwara Nagar BANGALORE – 560 079	080-23480400 (T/F)
6	Geogreen Blanket	For slope protection and road embankment protection	07-Jun-2010	M/s. AIMIL Ltd., Naimex House, A-8, Mohan Cooperative Industrial Estate, Mathura Road, NEW DELHI – 110 044	011-30810200 011-26950011 (F)
7	Asphalt Rheology Technique	For determination of binder grade to predict the performance of the Asphalt used in road paving	07-Jun-2010	M/s. Owens Corning India Limited, 701, Alpha, Hiranandani	022-66681707 022-6688 1701 (F)
8	Trupave	Hybrid geo-synthetics paving mat for highway	07-Jun-2010		

		applications		Gardens, Powai MUMBAI – 400 076	
9	Soiltech MK-III	Polymer based stabilisers used for soil stabilisation	07-Jun-2010	M/s. India Polyroads Private Limited 808-809, E-Block, International Trade Tower Nehru Place, NEW DELHI – 110 019	011-41608688 011-26447486 (F)
10	PR Plast Module	High module additive for Hot Mix asphalts	07-Jun-2010	M/s. PR Industrie Rue de Barive – Zone Industrielle la Planchotte 21230 Arnay-le-Duc FRANCE	+33 (0) 380 84 84 00 +33 (0) 380 84 84 07 (F)
11	German Instrument: LOK / CAPO Pull Out Tests	NDT method for estimation of in-situ compressive strength of concrete	22-Jul-2010		
12	Humboldt Moisture Density Gauge, Model HS 5001 Series	For the purpose of compaction testing in Earthworks, Asphalt and Concrete	22-Jul-2010		
13	Humboldt Electrical Density Gauge, Model H 4114 Series	For the purpose of compaction testing in Earthworks	22-Jul-2010	M/s. Avantech Engineering Consortium Pvt. Ltd. 507, GD-ITL Tower B-08, Netaji Subhash Place Ring Road DELHI – 110 034	011-23754279 011-27357277 011-42470150 (F)
14	NCAT Asphalt Content Furnace – Model F 85930	For the purpose of Bitumen measurement in Asphalt mixes except for gradation analysis of mixes with quartzite aggregates	22-Jul-2010		
15	Double Wall Corrugated (DWC) High Density Polyethylene (HDPE) Pipe	For Non-Pressure underground sewerage / drainage / cross drainage / pipe culverts	22-Jul-2010	M/s. Alom Poly Extrusions Ltd. "Alom House" 7B, Dr. Harendra Coomal Mukherjee Sarani (Pretoria Street), 1st Floor, KOLKATA – 700 071	033-40106789 033-22822540 033-22827305(F) 033-40106747 (F)
16	HZL Process Waste, Jarofix	Used as filler material in road embankments	03-Sept-2010	M/s. Hindustan Zinc Limited Chanderiya Lead – Zinc Smelter P.O. Putholi-312 021 Dist. Chittorgarh	
17	Full Depth Reclamation Technology	Technology for national and state highways, major district roads and most effectively on the vast stretches of rural roads in India,	21-Oct -2010	M/s. Caterpillar India Pvt. Ltd. 607-608 Meridian Commercial Tower Windsor Place New Delhi – 110 001	011-4365 5230 (O) 011-4356 5233 (F)

		to economically increase the terminal life of roads and reduce the cost per year and time per km of road building / rehabilitation			
18	RePLAY® Asphalt Polymer	Used as asphalt pavement sealer and preservation agent	21-Oct -2010	M/s Green Mile Infra Pvt. Ltd. Serene Towers, 8-2-623/A, 4th Floor, Road No.10, Banjara Hills HYDERABAD – 500 034	40-2331 8224 40-2331 8227 (F)
19	Omnicube- Retro Reflective Sheeting	Type XI Reflective sheeting	21-Oct -2010	M/s. Avery Denniso India Pvt. Ltd., Gurgaon, Narsighpur Industrial Area, Six Kilometer Stone Delhi-Jaipur Highway, Gurgaon	0124-2215 581/582/583 0124-2215 591/ 592
20	Star Seal Supreme	Additives for improving the characteristics of asphalt in wearing course or binder course of the roads	21-Oct -2010	M/s. Star Seal (India) 108, Madhuban Tower, Shakarpur, Vikas Marg, New Delhi -110 092	011-2202 2628 (O) 011-2254 2453 (O) 011-2242 2664 (F)
21	Rubble Master Compact Recyclers	For crushing of concrete, asphalt and natural stone excavated from road works	21-Oct -2010	M/s BHP Infrastructures (P) Ltd, Plot No.7, Sector 4, Faridabad – 121 004	0129-4282 500 (O) 0129-4063 042 (F)
22	6D Cidex - Glass Fiber Grid	Used in pavement and asphalt overlay to prevent crack propagation	18-Apr-2011	M/s. Metalite International Pvt. Limited 4417/7, Ansari Road, Daryaganj, NEW DELHI-110 002	11-23272725 (O) 11-23281696 (F)
23	RBI Grade 81	stabilizer for improving the engineering properties of soil	18-Apr-2011	M/s. Alchemist Touchnology Limited Plot No.194, Sector-4, IMT Manesar, GURGAON –122 050	011-40600800 (O) 011-40600888 (F)
24	Coir Geotextiles	Used in construction and maintenance of roads and embankments	18-Apr-2011	Central Coir Research Institute, P.O Kalavoor, Distt Alappuzha KERALA-688 522	0477-258094 (O) 0477-258480
25	Rhinophalt	Prevention material used to extend the life of surface course of road	18-Apr-2011	M/s. ASI Solutions Plc Luminar House, Deltic Avenue, Rooksley, Milton Keynes, MK13 8LW	44(0) 1908 246000(O) +44(0) 1908 246001 (F)
26	Cosmos Roadliner 2000	Road Safety Plastic	18-Apr-2011	M/s. Cosmos Fibre Glass	129-2277172

	S	Barriers		Limited 60, DLF Industrial Area, Phase I, FARIDABAD-121 003	129-2278536(F)
27	Polyguard	Waterproofing product for concrete roads and bridge decks	30-May-2011	M/s. APAAR Infratech Private Limited B-92, Sector-63 NOIDA – 201 301	120-4090900 120-4090901
28	TechGrid Geogrids System	Used in RE walls/RE slopes and Soil stabilization purpose	14-July-2011	M/s TechFab India Industries Ltd. 712, Embassy Center, Nariman Point, Mumbai 400 021	+91 22 2287 6224 +91 22 2287 6225 +91 22 2283 9733 +91 22 2287 6218 (F)
29	TechGlass Geogrids & TechGlass Composites	Used for rehabilitation & Preservation of pavements	14-July-2011		
30	TechGeo Non-Woven Geotextiles	Used for filtration /separation and Soil stabilization purpose	14-July-2011		
31	TechFab Woven Geotextiles	Used for filtration /separation and Soil stabilization purpose	14-July-2011		
32	TechFab Polymer / Steel Gabions	Used for river training/ coastal and protection retaining walls	14-July-2011		
33	TechFab Geocomposites	Used for soil reinforcement and Sub-grade stabilization	14-July-2011		
34	TechDrain PVD	Used for soil consolidation purpose	14-July-2011		
35	Aluminum backed flexible prismatic retro reflective sheeting	Highly flexible and conformable Retro reflective sheeting	14-July-2011	M/s. 3M India Limited, 60-61, Udyog Vihar, Phase-IV, Gurgaon, (HARYANA)	0124-3854100
36	Dynatest Model 3031 : Light-weight Deflectometer	Pavement surveys for road, airports and ports	14-July-2011	M/s. AIMIL Ltd., Naimex House, A-8, Mohan Cooperative Industrial Estate, Mathura Road, NEW DELHI-110 044	011-30810200 011-26950011 (F)
37	Dynatest Model 8000 : Falling-weight Deflectometer				
38	Dynatest Portable Road Surface Profiler MarkIV				
39	Rediset WMX 8017	Anti-stripping Additive for bitumen mixes	14-July-2011	M/s. Akzo Nobel India Limited Plot No. 1/1 TTC Industrial Area, Thane Belapur Road, Koparkhairane, Navi Mumbai – 400 710	+ 91 22 2778 0000-04 + 91 22 2778 0054 (F)
40	Zym-Tec	Ecological friendly enzyme base road construction technology	14-July-2011	M/s. Innovative Technology Enzyme Company of India Ltd (i- Tec India) 602, Trade Centre, BKC, Bandra (E), Mumbai- 400 051	+ 91 22 2642 3443 + 91 22 2642 3442 (F)

41	Eliminator	Waterproofing system for bridge deck	14-July-2011	M/s. Nina Concrete System Pvt, Ltd. Mani Bhavan, 4th Floor, 54, Hughes Road, Chowpatty, Mumbai 400 007	+ 91 22 6616 6000 + 91 22 2369 1894 (F)
42	Zycosoil Nanotechnology	Anti-strip additive in hot mix binder and Soil & aggregate waterproofing	Accredited on 21-Nov-2008 Renewed on 25-July-2011	M/s. Zydex Industries, 25A Gandhi Oil Mill Compound, Gorwa, VADODARA-390 016	+ 91 265 2290322 + 91 265 2290332(F)