

NEW MATERIALS/TECHNIQUES/EQUIPMENT/PRODUCTS ACCREDITED BY INDIAN ROADS CONGRESS

(valid as on 15.07.2019)

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/equipment/products, developed in India/abroad and evaluated as per recognized National/International Specifications has accredited the following new materials/techniques/equipment/products for a period of 2& 3* years for being used on trial basis:

S. No.	Ref. No.	Name of the New Material/ Technology/ Equipment/ Product	Usage	Date of Issuance of Accreditation Certificate	Contact Address of Manufacturer/ Promoter
1	ACC-302*	Unbreakable Glare Screen	To improve road safety and safeguard lives on roads	01-May-2019	RT ETI Environtech Private Limited Block-C-118, Swagat Rain Forest 2, Opp. Swaminarayan Dham, Koba - Gandhinagar Highway, Kudasán, Gandhinagar, Gujarat
2	ACC-301*	VIATOP PLUS FEP	For use in modification of bitumen	01-May-2019	Rettenmaier India Pvt. Ltd. B816, Lodha Supremas II Road No. 22, Wagle Estate Thane (W), Mumbai -400064
3	ACC-297*	Aqua Patch	Used as High performance, quick setting pothole repair material	01-May-2019	Tensar Geosynthetics India Private Limited Level 13,Platinum Technopark, 17&18, Sector-30A, Vashi, Navi Mumbai - 400 705
4	ACC-287*	SUNCRYSTAL MIX	Crystalline Admixture for reducing permeability of concrete	01-May-2019	Sunanda Speciality Coatings Pvt. Ltd. 36 th Floor, Sunshine Towers Lower Parel Mumbai - 400 013
5	ACC-283*	Avery Dennison Traffic Jet Print System	Digital printing technology for durable traffic signs	01-May-2019	Avery Dennison (India) Pvt. Ltd., Narsinghpur Indl. Area Six Km Stone Delhi-Jaipur Highway Distt. Gurgaon - 122 001 (Haryana)
6	ACC-253*	ANT Stabilizer	used in road construction	01-May-2019	AVS Inno Infra 216, 2 nd floor, DLF City Court Sikanderpur Gurugram - 122 002
7	ACC-298 (Ref. ACC-120) (Ref. ACC-206)	ShaliSeal RSTC	Tar base emulsion for enhancing road life by water ingress	12-Dec-2014 Renewal w.e.f. 12-Dec-2016 Re-Renewal w.e.f. 01-May-2019	STP Limited 707, Chiranjiv Tower 43, Nehru Place, New Delhi - 110019
8	ACC-290 (Ref. ACC-152)	Polyalk CP 293 (Fourth Generation Polydentate Bipolar Concrete Penetrating Corrosion Inhibiting Admixture)	Enhances the service life of the structures significantly and is beneficial in corrosion prone zones.	13-Apr-2016 Renewal w.e.f. 01-May-2019	Sunanda Speciality Coatings Pvt. Ltd., 36 th Floor, Sunshine Towers, Lower Parel, Mumbai - 400 013

9	ACC-289	"SUNEXT 8" - Aliphatic, Acrylic Based, Anti-carbonation Coating	Protection of exposed concrete structures	17-Jan-2019	Sunanda Speciality Coatings Pvt. Ltd. 36 th Floor, Sunshine Towers, Lower Parel, Mumbai - 400 013
10	ACC-286	"vSAFE" (Advanced Polymer) New Gen Road Signage	To promote road safety and efficiency of road users	17-Jan-2019	Viscus Oils Pvt. Ltd. 55/1/2-C, New Palasia Indore - 452 001
11	ACC-229	"Ultracure" - white pigmented wax based curing compound for concrete	for use in concrete structures	17-Jan-2019	Ultracon Infrachem (P) Ltd., 422/38, Rajiv Colony, Opp. Hotel Melfort, NH-8, Gurgaon - 122 001
12	ACC-258 (Ref. ACC-45)	RoadCem	AS stabilizing material	25-Jul-2012 Renewed on 12-Dec-2014 Re-Renewal w.e.f. 12-Dec-2018	PowerCem Technologies Plaza 24, 4782 SK MOERDIJK, The Netherlands
13	ACC-300 (Ref. ACC-197) (Ref. ACC-109)	Terrazyme	Soil Stabilizing material used in construction of roads	03-Jul-2013 Renewal on 29-Oct-2016 Re-Renewal w.e.f. 29-Oct-2018	Avijeet Agencies Pvt. Ltd., H 25(5), Subramanian Manor, Ground Floor, H Block, 1 ST Main Road, Anna Road(E), Chennai-600102
14	ACC-280	Corrkil E System	For the painting of Steel Bridges	12-Oct-2018	Winsome Coatings LLP D-61, Okhla Industrial Area Phase-I, New Delhi-110 020
15	ACC-279	Fluoro Polymer Based Coating System	For the painting of Steel Bridges	12-Oct-2018	Winsome Coatings LLP D-61, Okhla Industrial Area Phase-I, New Delhi-110 020
16	ACC-273	SikaBit T 130 SG	Bridge Deck Waterproofing Membrane	12-Oct-2018	Sika India Pvt. Ltd. 301/302, 3 rd Floor, Elegance Tower, Jasola Vihar Delhi - 110 025
17	ACC-265	Primeline Standard	Thermoplastic Road Marking Material	12-Oct-2018	Prime Roads No. 9, Aparna Nagar, Kolladi Road, Ayyapakkam, Chennai - 6000 077
18	ACC-261	IMS K100	Concrete Upgrading Admixture for Cementitious and Rigid Pavement Construction	12-Oct-2018	Infra Innovations Marketing Solution LLP N 165-167, Panchsheel Park New Delhi - 110 017
19	ACC-254	Roller Barrier	Used to absorb shock, impact of the plying vehicle on the road and ultimately minimize accidents/fatalities	12-Oct-2018	RT ETI Envirotech Private Limited Block-C-118, Swagat Rain Forest2, Opp. Swaminarayan Dham, Koba-Gandhinagar Highway, Kudasam, Gandhinagar, Gujarat
20	ACC-221	Shaliplast LW++	Integral Waterproofing cum binder corrosion inhibitor for Bridges & Reinforced Concrete	12-Oct-2018	STP Limited 707, Chiranjiv Tower 43, Nehru Place NEW DELHI - 110 019

21	ACC-216	HMVG-50	stiffer/harder grade binder to prevent pavement failure due to increased loads	12-Oct-2018	Tiki Tar Industries Ltd., Village Road, Bhandup (W), Mumbai-400078
22	ACC-276 (Ref. ACC-161)	Portadeck	Heavy Duty Composite Access Mats and Floors/Working Platforms	13-Aug-2016 Renewal w.e.f. 13-Aug-2018	Mtandt Ltd. 17/8, Waste Mada Church Road, Royapuram, Chennai-600013
23	ACC-271 (Ref. ACC-196) (Ref. ACC-128)	Automark	For use in safety of roads, bridges and structures	26-Jun-2014 Renewal w.e.f. 27-Jun-2016 Re-Renewal w.e.f. 27-Jun-2018	Automark Technologies (India) Pvt. Ltd. 1 st Floor, Saraf Court, Opp. Yashwant Stadium, Dhantoli, Nagpur-440012
24	ACC-270 (Ref. ACC-199) (Ref. ACC-20)	Asphaltoseal	On concrete decks for waterproofing purpose in lieu of mastic asphalt under BC overlay	29-Jul-2009 Renewal on 22-Mar-2012 Re-Renewal on 26-Jun-2014 Re-Renewal w.e.f. 27-Jun-2016 Re-Renewal w.e.f. 27-Jun-2018	Tiki Tar Danosa (India) Private Limited Village Road, Bhandup(W), Mumbai-78
25	ACC-263 (Ref. ACC-200) (Ref. ACC-129)	Processed Steel Slag	Alternate Aggregate for Flexible Pavements	26-Jun-2014 Renewal w.e.f. 27-Jun-2016 Re-Renewal w.e.f. 27-Jun-2018	Tata Steel Limited, Jamshedpur-831001
26	ACC-244	Monopol 456 HB	Anti-Carbonation Coating for Bridges and Concrete Structures	22-Jun-2018	Krishna Conchem Products Pvt. Ltd., Unit #2, Bldg. 6, Sect.3, Millennium Business Park, Mahape, Navi Mumbai – 400 710
27	ACC-243	EPCO KP 200	Bipolar Concrete Penetrating Corrosion Inhibitor	22-Jun-2018	Krishna Conchem Products Pvt. Ltd., Unit #2, Bldg. 6, Sect.3, Millennium Business Park, Mahape, Navi Mumbai – 400 710
28	ACC-242	Monopol	Low Viscous Grout Material	22-Jun-2018	Krishna Conchem Products Pvt. Ltd., Unit #2, Bldg. 6, Sector -3, Millennium Business Park, Mahape, Navi Mumbai – 400 710
29	ACC-241	RBI Grade-81	Stabilizer used in Road Construction	Renewal on 22-Jun-2018	Stabilig Road Solutions Pvt. Ltd. G7A/11, DLF Phase-1 Gurgaon – 122 002
30	ACC-237 (Ref. ACC-43)	HZL Process Waste, Jarofix	Used as filler material in road embankments	03-Sep-2010 Renewal on 24-Jan-2013 Re-Renewal on 22-Jun-2018	Hindustan Zinc Ltd., Chanderiya Lead Zinc Smelter, P.O. PUTHOLI – 312 021 Distt. Chittorgarh, Rajasthan

31	ACC-236 (Ref. ACC-2)	Imperial Smelting Furnace (ISF) Slag	As fine and coarse aggregates & as filler for road embankment	08-Dec-2008 Renewal on 22-Jun-2018	Hindustan Zinc Ltd., Chanderiya Lead Zinc Smelter P.O.PUTHOLI-312 021 Distt. Chittorgarh, Rajasthan
32	ACC-233 (Ref.ACC-127)	Iter PPS 1000 CV	Bitumen additive for use in flexible pavement	26-Jun-2014 Renewal on 22-Jun-2018	Iterchimica s.r., Via G. Marconi 21, 24040 Suisio (Bergamo), ITALIA
33	ACC-232 (ref.ACC-126)	Superplast	Bitumen additive for use in flexible pavement	26-Jun-2014 Renewal on 22-Jun-2018	Iterchimica s.r., Via G. Marconi 21, 24040 Suisio(Bergamo), ITALIA
34	ACC-262 (ref. ACC-147)	Trolex NCAT NTO	Apparatus to measure Asphalt content by the Ignition method.	12-Apr-2016 Renewal w.e.f. 13-Apr-2018	Aimil Ltd., Naimex House, A-8, Mohan Cooperative Industrial state, Mathura Road, New Delhi – 110 044
35	ACC-256 (Ref. ACC-145)	Asphalt Content Tester (AIM 590)	It is used for hot mix asphalt paving mixtures and pavement samples.	12-Apr-2016 Renewal w.e.f. 13-Apr-2018	Aimil Ltd., Naimex House, A-8, Mohan Cooperative Industrial Estate, Mathura Road, New Delhi – 110 044
36	ACC-272 (Ref.ACC-157)	i-lite Reflective Pavement Marker	It is based on 100% indigenously developed technology whose properties are in conformity with ASTM D 4280-94	13-Apr-2016 Renewal w.e.f. 13-Apr-2018	Automark® Industries (India) Ltd. 'Gurukripa', Datta Square, Yavatmal – 445001, Maharashtra (India)
37	ACC-255 (Ref. ACC-149)	Penetron Admix® (Crystalline Waterproofing Admixture)	Used for making the concrete permanently sealed against the penetration of water or liquids	13-Apr-2016 Renewal w.e.f. 13-Apr-2018	Penetron India Pvt. Ltd., A-13, Balaji Industrial Park, Behind Hindalco, Tondre Village, Talaja, Dist. Raigad – 410 208
38	ACC-249 (Ref. ACC-155)	GUJCON-CRF Nylone 6 Fibre	Used as a secondary reinforcement in concrete roads and bridges	13-Apr-2016 Renewal w.e.f. 13-Apr-2018	Gujarat State Fertilizers & Chemicals Ltd., Fertilizernagar, Vadodara- 391 750
39	ACC-245 (Ref. ACC-156) (Ref. ACC-10)	Waelz Kiln (WK) Slag	Used in embankment, sub-base and bituminous/concrete pavement	08-Dec-2008 Renewal on 03-Jul-2013 Re-Renewal on 13-Apr-2016 Re-Renewal w.e.f. 13-Apr-2018	Hindustan Zinc Limited Zinc Smelter Debari, Udaipur – 313 024
40	ACC-293 (Ref. ACC-153)	Evocrete®ST	Acts as an enhancer for the hydration process and increases water impermeability and resistance to thermal/salt/acid/frost submitted to the committee	12-Apr-2016 Renewal w.e.f. 12-Apr-2018	CCL International Limited C-42, Opp. Yes Bank, RDC, Raj Nagar, Ghaziabad – 201 002
41	ACC-248 (Ref. ACC-103)	ZycoTherm	Warm mix additive	12-Jan-2016 Renewal w.e.f. 12-Jan-2018	Zydex Industries Zydex House,61,Gotri- Sevasi Road, Sevasi, Vadodara-391101
42	ACC-235	Geopolymer Concrete	Eco-friendly Concrete which replace cement in concrete	05-Jan-2018	Netra – NTPC Ltd. E3 Echotech II, Udyog Vihar, Greater Noida – 2010306

43	ACC-227	Secugrid 30/30Q1	Used for base reinforcement of road loading to longer life or reduction of thickness of aggregate & bitumen layer in pavement	05-Jan-2018	K.K. Enviro Tech. Pvt. Ltd. 8, Townshend Road KOLKATA -700 025
44	ACC-223	CMR Bitplast	Waste plastic impregnated and concentrated bitumen tablets for laying flexible pavements	05-Jan-2018	CMR Bitplast SF No. 475/2A, Nanjegounden Pudur Virugalpatti Post Negamam (Via), Udumal Pet Tk, Tiruppur Dt., Tamil Nadu – 642 120
45	ACC-219	Asian Paints Smart Care APP Polymer Modified 4mm Membrane	Used as a Waterproofing/ damp proofing membrane in horizontal and vertical both directions	05-Jan-2018	Asian Paints Ltd., B-1/E-19, Mohan Coop. Industrial Estate, Main Mathura Road, Badarpur, New Delhi – 110 044
46	ACC-215	Asphalito Mastic Bitumen Membrane	Waterproofing for bridge deck	05-Jan-2018	S.N.I. Infratech Pvt. Ltd., Flat No.504, Kriti Mahal, 19, Rajendra Place, New Delhi-110008
47	ACC-214	Treated Drill Cuttings	Used as a filler in construction work	05-Jan-2018	Sar Chandra Environ Solutions Pvt. Ltd. Plot No. 4-B1, APIIC Industrial Park, Vakalapudi, Kakinada – 533005
48	ACC-213	Barrier System (Ezy Guard SMART) MASH TL3	Used to secure the W-beam rail to the Z-Posts, eliminating the requirement for blocking pieces and rail stiffening plates	05-Jan-2018	Valmont India, Unit 203, 2 nd Pentagon – 4, Magarpatta City, Hadaspar, Pune – 411028
49	ACC-212	Barrier System (Ezy Guard HC) MASH TL4	Used to secure the thrie beam rails to the posts, eliminating the requirement for blocking/offset pieces and rail stiffening plates	05-Jan-2018	Valmont India, Unit 203, 2 nd Pentagon – 4, Magarpatta City, Hadaspar, Pune – 411028
50	ACC-211	KSI Roller Safety Barrier	Used for Traffic Island Toll Entrance, Terminal, Intersections, etc	05-Jan-2018	KSI Global Australia Pty. Ltd., 61 Foskew Way, Geraldton 6530, Western Australia
51	ACC-210	Mazaa AC Pipes	Used for sewerage and drainage	05-Jan-2018	A Infrastructure Limited, A-9 A, Green Park Main, New Delhi-110016
52	ACC-240 (Ref. ACC-61) (Ref. ACC-169)	Coir Geo Textile	Used in construction and maintenance of roads and embankments	18-Apr-2011 Renewal on 11-Dec-2013 Re-Renewal w.e.f. 12-Dec-2015 Re-Renewal w.e.f. 12-Dec-2017	Central Coir Research Institute Kalavoor P.O., Alleppey Dist. Kerala -688 522
53	ACC-264 (Ref. ACC-150) (Ref. ACC-82)	Eliminator – Bridge Deck Waterproofing System [MMA Resin Based Bridge Deck Waterproofing System]	Waterproofing System	11-Dec-2013 Renewal w.e.f. 11-Dec-2015 Re-Renewal w.e.f. 11-Dec-2017	Nina Waterproofing Systems Pvt. Ltd. Mani Bhuvan, 4 th Floor, 54, Hughes road, Chowpatty, Mumbai – 400 007

Terms and conditions:

1. *The Accreditation is meant only for trial purposes.*
 2. *The Client/User department shall monitor the performance of the accredited material / technique for its compatibility and durability in Indian environment and furnish detailed performance report to IRC indicating their experience and satisfactory/unsatisfactory performance.*
 3. *The temporary approval, trial usage in any work shall not entitle the manufacturer/vendor, to use it as a "Certificate" for marketing purposes either in India or in other countries.*
 4. *The Highway Research Board as a body shall not be responsible for adverse performance or failure of a stretch of road or part of bridge where the accredited new material/product has been tried on experimental basis.*
 5. *Any expenditure carried out to try the material/technique shall be written-off, in case the new material or technique fails in requisite performance, subject to IRC certification that the said material has failed in performance in work carried out as per specifications.*
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