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ग्रामीण विकास मंत्रालय
ग्रामीण विकास विभाग
भारत सरकार
कृषि भवन, नई दिल्ली-110114
Ministry of Rural Development
Deptt. of Rural Development
Government of India
Krishi Bhavan, New Delhi-110114

DO# P-10021/2/2007-Tech.

25th July, 2018

Dear *Sir / Madam*

In the recent past MoRD/NRIDA has been emphasizing on the importance of use of new technologies, non-conventional materials, promoting the use of locally available materials and industrial wastes etc in PMGSY roads. The adoption of such technologies provides multiple benefits including reduction of cost of construction, reduction in time, reduces use of natural resources and allows the construction in adverse weather conditions.

Considering this in mind, Ministry had issued detailed Guidelines on New Technology initiatives under PMGSY in May 2013. The States are required to propose at least 10% of the total length of annual proposals using any of the new technologies, for which specifications of IRC are already available and an additional length of 5% of the length of annual proposals with any of the new technologies for which specifications of IRC are not available, including materials/technologies accredited by IRC.

In this connection, please find enclosed herewith the list of IRC accredited new materials/technologies published by IRC on 15.04.2018 for ready reference. The IRC accreditation for these materials/technologies is valid for 2 years. Further, it is to inform that, while preparing DPRs, tender documents, agreements etc for works proposed adopting new technology/materials, the technical/technological name should only be indicated. Reference may be had to the specifications mentioned in the IRC code /Accreditation list. The practice of using/indicating trade name of the material/Technology provider in the DPRs/work Agreements should henceforth be completely stopped so as to avoid any legal issues in future and given special privilege. Necessary changes will also be made in OMMAS.

You are requested to issue necessary instructions in this regard to all PIUs, DPR consultants and other officials who are involved in PMGSY works for strict adherence in future.

With best wishes

Yours sincerely

Alka

(Alka Upadhyaya)

To:

All Principal Secretaries/ Secretaries I/c of PMGSY

NEW MATERIALS/TECHNIQUES/EQUIPMENT/PRODUCTS ACCREDITED BY INDIAN ROADS CONGRESS
(valid as on 15.04.2018)

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 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-218	Superthermolay APP Membrane	Used for bridge deck waterproofing applications.	29-Nov-2012 Renewed on 21-May-2015 Re-Renewed on 19-Mar-2018 w.e.f. 21-May-2017	STP Limited, 707, Chiranjiv Tower 43, Nehru Place NEW DELHI – 110019
2	ACC-235	Geopolymer Concrete	Eco-friendly Concrete which replace cement in concrete	05-Jan-2018	M/s Netra – NTPC Ltd. E3 Echotech II, Udyog Vihar Greater Noida – 2010306
3	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	M/s K.K. Enviro Tech. Pvt. Ltd. 8, Townshend Road KOLKATA -700 025
4	ACC-223	CMR Bitplast	Waste plastic impregnated and concentrated bitumen tablets for laying flexible pavements	05-Jan-2018	M/s CMR Bitplast SF No. 475/2A, Nanjegounden Pudur Virugalpatti Post Negamam (Via), Udumal Pet Tk, Tiruppur Dt., Tamil Nadu – 642 120
5	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	M/s Asian Paints Ltd., B-1/E-19, Mohan Coop. Industrial Estate, Main Mathura Road, Badarpur, New Delhi – 110 044
6	ACC-215	Asphalto Mastic Bitumen Membrane	Waterproofing for bridge deck	05-Jan-2018	M/s S.N.I Infratech Pvt. Ltd., Flat No.504, Kriti Mahal, 19, Rajendra Place, New Delhi-110008
7	ACC-214	Treated Drill Cuttings	Used as a filler in construction work	05-Jan-2018	M/s Sar Chandra Environ Solutions Pvt. Ltd. Plot No. 4-B1, APIIC Industrial Park, Vakalapudi, Kakinada – 533005
8	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	M/s Valmont India, Unit 203, 2 nd Pentagon – 4, Magarpatta City, Hadaspar, Pune – 411028

9	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	M/s Valmont India, Unit 203, 2 nd Pentagon – 4, Magarpatta City, Hadaspar, Pune – 411028
10	ACC-211	KSI Roller Safety Barrier	Used for Traffic Island Toll Entrance, Terminal, Intersections, etc	05-Jan-2018	M/s KSI Global Australia Pty. Ltd., 61 Foskew Way, Geraldton 6530 Western Australia
11	ACC-210	Mazaa AC Pipes	Used for sewerage and drainage	05-Jan-2018	M/s A Infrastructure Limited, A-9 A, Green Park Main, New Delhi-110016
12	ACC-234 (Ref. ACC-102)	Terraprime	Used for waterproofing of soil / stone base of WMM/WBM	29-Nov-2012 Renewed on 29-Nov-2014 Re-Renewal On 05-Jan-2018 w.e.f. 29-Nov-2016	M/s Zydex Industries 704, Gunjan Tower Off. Alembic Gorwa Road Vadodara – 390 023 (Gujarat)
13	ACC-225 (Ref. ACC-100)	Zycobond	Acrylic co-polymer emulsion for bonding soil particles, used to resist soil erosion, mitigates dust on dirt roads	29-Nov-2012 Renewed on 29-Nov-2014 Re-Renewal On 05-Jan-2018 w.e.f. 29-Nov-2016	M/s Zydex Industries, 704, Gunjan Tower, Off. Alembic Gorwa Road, VADODARA – 390 023 (Gujarat)
14	ACC-224 (Ref. ACC-99)	Terrasil	Used for waterproofing the in-situ soil.	29-Nov-2012 Renewed on 29-Nov-2014 Re-Renewal On 05-Jan-2018 w.e.f. 29-Nov-2016	M/s Zydex Industries, 704, Gunjan Tower, Off. Alembic Gorwa Road, VADODARA – 390 023 (Gujarat)
15	ACC-222 (Ref. ACC-94)	Tenax 3D Grids	Grids for stabilization of main highway and side roads	08-Jun-2012 Renewed w.e.f. 08-Jun-2014 Re-Renewal On 05-Jan-2018 w.e.f. 08-Jun-2016	M/s H.M.B.S. Textiles Pvt. Ltd., Factory: Plot No. 484, Barhi Industrial Estate, HSIIDC, Phase-II, Barhi, Distt. Sonapat, HARYANA-131 001
16	ACC-220 (ref. ACC-97)	Shaliplast Asphaltomastic	Used for bridge deck waterproofing applications.	29-Nov-2012 Renewed on 21-May-2015 Re-Renewal On 05-Jan-2018 w.e.f. 21-May-2017	M/s Shalimar Seal & Tar Products (P) Limited, B-6, B-7 & B-8, Jaipur Tower M.I. Road JAIPUR – 302 001

17	ACC-209	SoilCrete	Technology for design and construction of pavements	08-Apr-2015 Renewed On 24-May-2017 w.e.f. 08-Apr-2017	M/s. ZeoCrete Technologies India Pvt. Ltd. (Formerly known as M/s. Longyea e-Solutions Pvt. Ltd.), UG-40, Ansals Chambers-II, 6, Bhikaji Cama Place, New Delhi – 110 066
18	ACC-208	ZeoCrete	Technology for design and construction of pavements	08-Apr-2015 Renewed On 24-May-2017 w.e.f. 08-Apr-2017	M/s. ZeoCrete Technologies India Pvt. Ltd. (Formerly known as M/s. Longyea e-Solutions Pvt. Ltd.), UG-40, Ansals Chambers-II, 6, Bhikaji Cama Place, New Delhi – 110 066
19	ACC-207	Hyperplas Polyester	As waterproofing layer in bridges decks	25-Jul-2012 Renewed On 12-Dec-2014 Re-Renewal On 24-May-2017 w.e.f. 12-Dec-2016	M/s. IWL India Limited, W-360, North Main Road, Anna Nagar West, Extension, CHENNAI – 600 101
20	ACC-206	ShaliSeal RSTC	Tar base emulsion for enhancing road life by water ingress	12-Dec-2014 Renewed On 24-May-2017 w.e.f. 12-Dec-2016	M/s. STP Limited 707, Chiranjiv Tower 43, Nehru Place NEW DELHI – 110019
21	ACC-205	STRESEAL	Stress observing membrane interlayer system for use in flexible pavements	26-Jun-2014 Renewed On 24-May-2017 w.e.f. 26-Jun-2016	M/s. Tiki Tar Danosa India Private Limited Tiki Tar Estate, Village Road, Bhandup (W) MUMBAI – 400 078
22	ACC-204	Processed Steel Slag	Alternate Aggregate for Flexible Pavements	24-Jan-2013 Renewed On 24-May-2017 w.e.f. 24-Jan-2015	M/s. Harsco India Private Limited, #8-2-684/40, Anand Banjara Colony, Road #12, Banjara Hills, HYDERABAD – 500034
23	ACC-203	Shalipatch EC	For crack repairing concrete and bituminous roads	24-May-2017	M/s. STP Limited 707, Chiranjiv Tower 43, Nehru Place, New Delhi -110019
24	ACC-202	APP Double Layer Membrane Bituseal DR Bridge Deck	For flyover waterproofing and replacement of mastic wearing coat	24-May-2017	M/s. A.R. Industries 834, GIDC, Makarpura, Baroda – 390 010
25	ACC-201	GID Pavement Markers	Safety device used on roads	24-May-2017	M/s. AMP Colours PIGMENTS Pvt. Ltd. 705-706, 7 th Floor, SG Shopping Mall, CD Chowk, Sector-9, Rohini, Delhi – 110085

26	ACC-185	Super Seal (PS)	Used for sealing of expansion joints	10-Feb-2017	M/s Supreme Bituchem India Pvt. Ltd. Block No.13/14, Sewasadan Square, Central Avenue, Nagpur-440018
27	ACC-186	Super Shield Bridgeprotek	Used for sealing of expansion joints	10-Feb-2017	M/s Supreme Bituchem India Pvt. Ltd. Block No.13/14, Sewasadan Square, Central Avenue, Nagpur-440018
28	ACC-195	Cold Plastic Road Marking Paint- PERMARK 2K	Road marking material	10-Feb-2017	M/s Automark Technologies(India) Pvt. Ltd 1 st Floor, Saraf Court, Opp. Yashwant Stadium, Dhantoli, Nagpur-440012
29	ACC-184	Terra firma Soil Stabilizer	A cementitious polymer resin based compound (Soil Stabilizer).	31-Oct-2016	M/s Enviro Infradevelopers Pvt. Ltd. 3/448,VikramKhand, Gomti Nagar, Lucknow-10
30	ACC-187	Median Marker	A retro reflective marker offers better visibility and enhances illumination thereby curbing road accidents frequency	31-Oct-2016	M/s Avery Dennison Narsingh Industrial Area, Six Kilometre Stone, Delhi Jaipur Highways District Gurgaon, Haryana-122001
31	ACC-188	Reflective Delineator	A retro reflective device offers better visibility and enhances illumination thereby curbing road accidents frequency	31-Oct-2016	M/s Avery Dennison Narsingh Industrial Area, Six Kilometre Stone, Delhi Jaipur Highways District Gurgaon, Haryana-122001
32	ACC-189	Aluminum Backed Flexible Prismatic Sheeting	A retro reflective sheeting offers better visibility and enhances illumination thereby curbing road accidents frequency	31-Oct-2016	M/s Avery Dennison Narsingh Industrial Area, Six Kilometre Stone, Delhi Jaipur Highways, Dist Gurgaon, Haryana-122001
33	ACC-190	Raised Pavement Marker with Twin Molded Shank	A retro reflective marker offers better visibility and enhances illumination thereby curbing road accidents frequency	31-Oct-2016	M/s Avery Dennison Narsingh Industrial Area, Six Kilometre Stone, Delhi Jaipur Highways District Gurgaon, Haryana-122001
34	ACC-191	Solar Road Stud	A solar based stud offers better visibility and enhances illumination thereby curbing road accidents frequency	31-Oct-2016	M/s Avery Dennison Narsingh Industrial Area, Six Kilometre Stone, Delhi Jaipur Highways District Gurgaon, Haryana-122001
35	ACC-192	Flexible Median Marker	A retro reflective marker offers better visibility and enhances illumination thereby curbing road accidents frequency	31-Oct-2016	M/s 3M India Limited Plot No.60-61, Udyog Vihar, Phase-IV, Gurgaon-122015

36	ACC-193	Solar Raised Pavement Marker	A solar based marker offers better visibility and enhances illumination thereby curbing road accidents frequency	31-Oct-2016	M/s 3M India Limited Plot No.60-61, Udyog Vihar, Phase-IV, Gurgaon-122015
37	ACC-194	Twin Molded Shank Raised Pavement Marker	A twin molded shank marker offers better visibility and enhances illumination thereby curbing road accidents frequency	31-Oct-2016	M/s 3M India Limited Plot No.60-61, Udyog Vihar, Phase-IV, Gurgaon-122015
38	ACC-183	Envirotac	A non hazardous, environmental friendly acrylic –based co-polymer soil stabilizer	31-Oct-2016	M/s Infra Innovation Marketing Solutions N-167, Panchsheel Park, New Delhi-110017
39	ACC-197	Terrazyme	Soil Stabilizing material used in construction of roads	03-Jul-2013 Renewed on 29-Oct-2016	M/s Avijeet Agencies Pvt. Ltd., H 25(5), Subramanian Manor, Ground Floor, H Block, 1 ST Main Road, Anna Road(E), Chennai-600102
40	ACC-140	Ecogreen Probase Road System	Soil Stabilized Pavement System Technology	27-Aug-2016	M/s Eco Green Infrastructure & Development Pvt. Ltd. 103, Hallmark Business Plaza, Gurunanak Hospital Road, Bandra East, Mumbai – 400 051
41	ACC-158	Dr. Fixit Concrete Guard WB	Anti-carbonation protective substance for concrete structures	13-Aug-2016	M/s Pidilite Industries Ltd. Rama Krishna Mandir Road, Andheri (E), Mumbai-400059
42	ACC-159	Dr. Fixit Torchshield AP 3160	Bituminous water-proofing membrane for concrete structures	13-Aug-2016	M/s Pidilite Industries Ltd Rama Krishna Mandir Road, Andheri (E), Mumbai-400059
43	ACC-160	Dr. Fixit Torchshield AP 4160	Bituminous water-proofing membrane for concrete structures	13-Aug-2016	M/s Pidilite Industries Ltd Rama Krishna Mandir Road, Andheri (E), Mumbai-400059
44	ACC-161	Portadeck	Heavy Duty Composite Access Mats and Floors/Working Platforms	13-Aug-2016	M/s Mtandt Ltd. 17/8, Waste Mada Church Road, Royapuram, Chennai-600013
45	ACC-162	Glass Fibre Reinforced Polymer Composite Rebars	Corrosion resistant high tensile strength that of steel, electrically, thermally non-conductive	13-Aug-2016	M/s CSK Technologies 1 st Floor, S.A. Towers, #3-5-885/1, Himayath Nagar, Hyderabad-500029

46	ACC-163	Evocrete Modifier – Hardening Accelerator for Modified Rigid Pavements	Bionic binder for rigid concrete modification	13-Aug-2016	M/s Shamrock Evocrete Infrasoutions, Puregreens, Plot No.31, Sector-21 B, Faridabad-121012
47	ACC-164	FORTA FI	High tensile strength synthetic fibre reinforcement for asphalt pavement / runway	13-Aug-2016	M/s Trans Metalite India Ltd. 4417/7, Ansari Road, Daryaganj, New Delhi-110002
48	ACC-130	MetaliteHitex Group Thermoplastic High Friction Surfacing Material	Admixture for mixing in bituminous wearing courses to provide skid resistance surface	13-Aug-2016	M/s Trans Metalite India Ltd. 4417/7, Ansari Road, Daryaganj, New Delhi-110002
49	ACC-131	MetaliteHitex Group Linear Crack and Joint Repair System	Admixture for mixing in bituminous wearing courses to provide skid resistance surface	13-Aug-2016	M/s Trans Metalite India Ltd. 4417/7, Ansari Road, Daryaganj, New Delhi-110002
50	ACC-132	MetaliteHitex Group Thermoplastic Type-I High Friction Surfacing Material	Admixture for mixing in bituminous wearing courses to provide skid resistance surface	13-Aug-2016	M/s Trans Metalite India Ltd. 4417/7, Ansari Road, Daryaganj, New Delhi-110002
51	ACC-165	High Pressure Water Mist Systems	Highly suitable against fire in road/rail tunnels, underground facilities, cable tunnels etc.	13-Aug-2016	M/s Fogtec B-115, Damji Shamji Corporate Square, Pant Nagar, Ghatkopar(East), Mumbai-400075
52	ACC-166	CASS Wire Rope Safety Barrier	Highly strong to safeguard the vehicles prone to avoidable road accidents	13-Aug-2016	M/s Avantech Engineering 407, KLJ Tower North, B-05, NetajiSubhash Place, District Center-Pitampura, Ring Road, New Delhi-110034
53	ACC-167	Impact Attenuators/Crash Cushions	Highly strong to safeguard the vehicles prone to avoidable road accidents	13-Aug-2016	M/s Avantech Engineering 407, KLJ Tower North, B-05, NetajiSubhash Place, District Center-Pitampura, Ring Road, New Delhi-110034
54	ACC-168	360 Degree Tempered Glass Road Studs	Highly strong to safeguard the vehicles prone to avoidable road accidents by channelizing the lane driving during night	13-Aug-2016	M/s Avantech Engineering 407, KLJ Tower North, B-05, NetajiSubhash Place, District Center-Pitampura, Ring Road, New Delhi-11003
55	ACC-196 (Ref. ACC-128)	Automark	For use in safety of roads, bridges and structures	26-Jun-2014 Renewed on 31-Oct-2016 w.e.f. 27-Jun-2016	M/s Automark Technologies(India) Pvt. Ltd 1 st Floor, Saraf Court, Opp. Yashwant Stadium, Dhantoli, Nagpur-440012

