

1. Flooring

Polymer	Name of supplier	Address	Used in Railways
PVC	ALTRO Ltd. (Complies the requirement of HL1 for toxicity & flammability)	Works Road, Letch Garden City, Herts, SG6 1NW, England, Tele- +441462707600, fax- +441462480010, email: transflor@altro.com www.altrotransflor.com	England,
		Altro GmbH, Krausetrasse 108, D-22049 Hamburg, Germany. Tele: +49 405149490 Fax :+49 4051494949 Email: welcome@altro.de	Germany
		Altro Nordic AB, Box 9055, S-20039 Malmo, Sweden Tele- +4640312200, fax- +4440949364, email: info@altro.se	Sweden
		AltroTransflor-USA, 12648 Clark Street, Santa Fe Springs, CA 90670. Tele- 1-800-382-0333, fax- 1-562-944-8720, email: Transflor@altrofloors.com , www.altrotransflor.com	USA
		AltroTransflor- Canada, 6221 Kennedy Road, Unit 1, Mississauga, ON, L5T 2S8, Tele- 1-800-565-4658, fax- 1-905-564-0750, email: Transflor@altrofloors.com , www.altrotransflor.com	Canada
		Altro Australia, 3 St. Andrews Court, Rowville, Victoria 3178, Australia, Tele- +61397645666, fax- +61397645655, email: info@asf.com.au , www.asf.com.au	Australia
		Altro China, Suit 11N19-21, Level 11, Shanghai Mart No. 2299, West Yan'an Road, Shanghai 200336, Tele- +86 (0)2162363138, fax- +86 (0)2162363136, email: altrochina@asf.com.au , www.altrochina.com	China
	Forbo	Forbo Flooring Systems Pty Ltd., 23 Ormsby Place, Wetherill Park, NSW 2164, Australia. Tele- +61298280200, fax- +61297253456, email: info.au@forbo.com , www.forbo-flooring.com.au	Australia
	Gerflor	Tel : +33 4 74 05 40 00	France

		Fax : +33 4 74 05 06 83 GERFLOR Transport flooring 43, Bld. Garibaldi 69170 TARARE FRANCE	
Polyolefins	K- Tron	Coperion K-Tron Pitman, Inc., 590 Woodbury Glassboro Road, Sewell, NJ 08080, Tele- +1 (856) 5890500, fax- +1 (856) 5898113, email: info@coperionktron.comDirection Coperion K-Tron Salina, Inc., 606 North Front Street, Salina, KS 67401, Tele- +1 (785) 825-1611, fax- +1 (785) 825-8759, email: info@coperionktron.comDirection Coperion K-Tron (Switzerland) LLC, Lenzhardweg 43/45, CH- 5702, Niederlenz, Tele- +41628857171, fax- +41628857180, email: ks@coperionktron.comDirection Coperion K-Tron Great Britain Ltd., 4 Acorn Business Park, Heaton Lane, Stockport, SK4 1 AS, United Kingdom, Tele- +441612094810, fax- +441614740292, Coperion K-Tron (Shanghai) Co. Ltd., Building A2-A3, No. 6000 ShenZhuan Gong Road Songjiang district, CN- 201619 Shanghai, Tele- +862163757925, fax- +862163757930, Coperion K-Tron France S.a.r.l. 56, boulevard de courcerin, FR-77183 Croissy- Beaubourg, Tele- +33 (1) 64801600, fax- +33 (1) 64801599 Coperion K-Tron Germany GmbH, ImSteinigen Garden 10, DE- 63571 Gelnhausen, Tele- +49605196260, fax- +496051962644 Coperion K-Tron Asia Pte. Ltd., No. 21, Bukit Batok Crescent, # 22-79 Wcega Tower, Singapore 658065. Tele- +656899-7255, fax- +656569-7600	UK, China, Germany, Singapore, Switzerland
Polymeric	Vulcanised EPDM floor covering adhered to an aluminium substrate	M/s Tiflex Ltd England Email: warrington@exova.com Fax: +44 (0) 1925 655419	England
Epoxy	Altro Ltd	Altro Limited, Works Road, Letchworth Garden City, Hertfordshire, SG6 1NW,	UK

		Tele- +44 (0) 1462489516, Email : enquiries@alro.com	
Phenolic Resin	Barlo Trailers	John Barlow, t/a Barlow Trailers Ltd- ifor Williams Main Distributor, Southport Rd, Leyland, Lancs, PR268LP, Tele – 01772600395 Fax- 01772601389	Lancs
Urethane Elastomers	Bostik	Bostik America Technology Center, 11320 W, Watertown Plank Road, Wauwatosa, WI 53226, (414) 774-2250	Wauwatosa
Compreg to RDSO Spec No. 9407	M/s Oriental Veneer Products Ltd Thane	Oriental Veneer Products Ltd Village Aghai Taluka, Shapur Dist Thane-421 301 Maharashtra, India	India

2. Ceilings/Side Walls/Panels/Structural Part

Polymer	Name of supplier	Address	Used in Railways
UP Resin	BASF	North America, BASF Corporation, Tele- +1973245-6000 or +1800526-1072	America, Asia Pacific
		South America, BASF S/A Tele - +55112039-2273	
		BASF East Asia Regional Headquarter Ltd., Tele - +8522731-0111	
VE Resin	Reichhold	2400 Ellis Rd, Durham, NC 27703, United States Phone: +1 919-990-7500	United States
Acrylate resin	Resene Paint Ltd.	Resene Paint Ltd. New Zealand, 32-50, Vogel Street, Naenae, Wellington, New Zealand, PO Box 38242, Wellington Mail Center Tele- 04 5770500, Fax- 045770600	New Zealand
		Resene Paint Ltd. 7, Production Avenue, molendinar, Queensland 4214, PO box 785, Ashmore City, Queensland 4214, Australia Tele- 1800738383.	Australia,
EP Resin	Cello Foam	Cello Foam North America Inc, PO Box 406, Conyers, Georgia 30207. 8002413634 4044834491 Fax 404-929-3608	Georgia
Phenolic resin	Lalemainc	Lalemainc, Montreal (Quebec) H1B 1C1, Tele: 5146452753 Fax 5146452759 Email: infos@lacma.com	Montreal
LEXAN Sheet	SABIC	Manish Chaturvedi, Innovative Plastics, SABIC, Senior Business Manager-Marketing & Strategy, India , Middle East , Africa, Tele +91 8067725036 M- +91 9663375200	

		Email- manish.chaturvedi@sabic-ip.com	
Composite material	Mader	Paul Wartenweiler BU Manager Composites Walter Mäder AG COMPOSITES 8956 Killwangen, Switzerland p.wartenweiler@mader-group.com www.madercomposites.com W. LEWANDOWSKI UNIMARKET POZNAN wlodek@unimarket.home.pl www.unimarketkompozyty.pl	
FRP composite materials approximate 3mm thickness to ASTM E1354-11	M/s HMT Machine Tools Ltd Bangalore	Email: dtn@hmtmachinetools.com Fax: 91- 80-2333 8949 Telephone 080 2333 7785	USA
Polyester	Luxury integrated ceiling	78-BF, Blumentritt Street, Brgy. Kabayanan, San Juan City (Near Kalentong). Tele – 006327818367 Cell- 0932-8788567 0908-8197879	UK
Interior wall panel, Windows, Seat backs, Seat & back Rests, seat back panel, lighting covers & front head lamp	M/s Bayer Material Science Pvt. Ltd Thane	Email: jaimin.zaveri@bayer.com Fax: 91 22 2545 522	Germany
Light weight, fire safe thermoplastic materials for Railway interiors	M/s Sabic Innovative Plastics India Pvt. Ltd Gurgaon	Email: Sakti.Mohanty@sabic-ip.com Fax: +91 124 4745355	Gurgaon

3. Seat Cover

Polymer	Name of supplier	Address	Used in Railways
Wool or Wool/Polyester leather/ artificial leather (TPU Based)	Jeffrey B palmer	Jeffrey B palmer, Director of marketing & Communications, The Vinyl institute, 571-970-3327 jpalmer@vinylinfo.org www.vinylindesign.com www.vinylnewsservice.net www.vinylinfo.org	America
Seat Cover	Camira	The Watermill Wheatley Park, Mirfield West Yorkshire, WF14 8HE Tel: +44 (0) 1924 490591 Fax: +44 (0) 1924 495605 Email: info@camirafabrics.com Meltham Mills Meltham Mills Road, Meltham	

		Huddersfield, HD9 4AY Tel: +44 (0) 1924 490491 Fax: +44 (0) 1484 859061 Email: info@camirafabrics.com	
		Unit 27,Whitemoor Court Nuthall Road, Nottingham NG8 5BY Tel: +44 (0) 115 900 8690 Fax: +44 (0) 115 900 8691 Email: teknit.admin@camirafabrics.com	
		UAB Camira Fabrics Zemaiciu g 47, Ariogala LT-60252 Raseiniu raj Lithuania Tel: +370 428 50155 Fax: +370 428 79504 Email: infolt@camirafabrics.com	
		Camira Fabrics GmbH, Hohenzollernstrasse 2 71088 Holzgerlingen Germany Tel: +49 7031 608430 Fax: +49 7031 608433 Email: elke.sailer@camirafabrics.com	
		Camira Fabrics NordreStrandvej 119 A DK-3150 Hellebæk, Denmark Tel: +45 32 55 20 01 Fax: +45 32 52 55 45 Email: karin.morup@camirafabrics.com	

4. Curtain/Window Blinds

Polymer	Name of supplier	Address	Used in Railways
Polyester			

5. Cushioning material

Polymer	Name of supplier	Address	Used in Railways
Silicone Foam	M/s Rogers USA	High Performance Foam Division, Carol Stream, IL USA.	New York, seattle, Vancouver, Chicago, Philadelphian
	Advance Silicone	70, PragatiVihar Industrial Area, Sector 59, Faridabad, Haryana- 121004.	
DTBPB (As per CPRI report, product is Confirming to EN requirement HL3 level)	M/s Reliance India	Reliance Corporate Park-Building, No. 8, B block, First floor, opp- Ghansoli Railway Statiobn, Thane Belapur Road, Navi Mumbai, Maharashtra- 400701.	Indian Railways
Cushioning material: PU FR foam + non-woven FBL Fire blocker: hidden	M/s Sanrok Enterprises (Dufлот) New-Delhi	Email: snaveen20@yahoo.com Fax: 0129 4071554	SNCF, DB, Airbus Industries & other Major European Railways.

6. **Gangway**

Polymer	Name of supplier	Address	Used in Railways
Gangway	M/s Ultimate Europe	Ultimate Europe Transportation Equipment GmbH Industriestr. 3 3300 Amstetten, Austria Tel.: +43 7472 66066 100 Fax: +43 7472 66066 200 transport@ultimate-eur.com www.ultimate-eur.com.	Austria, Australia, Hayward USA
		Ultimate Australia Transportation Equipment Pty Ltd 23 Carl Court, Hallam, Victoria, 3803, Australia Tel.: +61 3 9708 6255 Fax: +61 3 9708 6599 tony@ultaust.com.au	
		Ultimate NA Transportation Equipment, LLC. 30914 San Antonio St., Hayward CA 94544, USA Tel.: +1 510 324 5000 Fax: +1 510 324 1560 www.ultimatena.com	
		Qingdao Ultimate Corporation Ltd No. 178 Zhuzhou Rd., Hi-Tech Zone, Qingdao, Shandong province P.R.C. 266101 Tel.: +86 532 8704 333 Fax: +86 532 8704 338 utmrd@qdutm.com www.qdutm.com	
	M/s Hubner	450, Wando Park Blvd, Mt. pleasant , SC 29464, Phone- 1 843 849 9400 Fax- 1 843 849 9404, Email – info@hubner-usa.com	
	M/s Dellner/woodville	Dellner/woodville Limited, Hearthcote Road, Swadlincote Derbyshire DE 11 9DX, UK, Tele – 441283221122 Fax- 44 1283222911 Website- www.dellner-woodville.com.	UK
High performance polymers components i.e. designing, manufacturing & supplying Gangways & Sliding doors for International railways	M/s Avadh Rubber Prop. Madras Elastomers Ltd Lucknow (M/s Quingdao Ultimate Corporation Ltd China)	Email: Chennai@avadhrubber.com Fax: 044-47461183	China

7. Fire Detection & Alarm System

Item	Manufacturer's Name & Address	Used in Railways
Fire Detection & Alarm System	M/s Consilium marine & Safety Division, P. O. Box 8763, SE 402 76 Gothenburg, Sweden.	Sweden
	M/s Xtralis Australia	Australia
	i) M/s Paramount cables NDLS (M/s Consilium Sweden Email: works@pwcl.co.in Fax: +91 11 25893719-20 ii) M/s Vibhu Composite Works Shaharanpur Email: gu.vivek@gmail.com Fax: +91 1732 238180	Sweden

8. Fire Fighting System

Fire Fighting System	M/s Fogtec. UK	UK
	ISE, Via della Alzavola, 7-56019, vecchiano (Pisa), Italy.	Italy
	M/s Cease Fire, India	India
	i) M/s Sanrok Enterprises (Duflot) New-Delhi Email: snaveen20@yahoo.com Fax: 0129 4071554 ii) M/s Vibhu Composite Works Shaharanpur Email: gu.vivek@gmail.com Fax: +91 1732 238180	Europe & Asia
		Italy

9. Fire Retardant Coating

Fire Retardant Coating (EN Compliance, HL3 Level)	M/s Finnester Coatings, Mestarinkotu 3 FI-15800 Lahti, Finland	Finland
i) Intumescent paint for fire barrier	M/s Sanrok Enterprises (Duflot) New-Delhi Email: snaveen20@yahoo.com Fax: 0129 4071554 Paramount Cables NDLS Email: works@pwcl.co.in Fax: +91 11 25893719-20	Europe (France)
ii) Fire retardant coatings		Finland

10. M/s Vibhu Composite Works Shaharanpur Road Yamuna Nagar has given long list of items given as under:

S. No.	Firms Name (Applied against EOI No. Carr-SS-03/2014)	Applied Items	
1.	i) M/s Vibhu Composite Works Shaharanpur Road Yamuna Nagar (M/s Cellofoam	i) Fire barriers ii) Special thermal &	i) Alstom LHB, Salzgitter, Germany ii) Baultar, Windsor, Canada iii) Bombardier, Viena Austria

	GMBH & Co. Germany Email: gu.vivek@gmail.com Fax: +91 1732 238180 1. COPLASS s.a.s. Via Sangallo nr. 2350028 Tavarnelle Val Di Pesa Firenze Italy a) ISE Italy	sound insulation material iii) Dampening materials iv) Special sound & thermal insulation materials for railway engines, Driver compartment, passenger area etc. v) Roof insulation materials vi) Consultancy for reduction in sound of loco 1. Products for floor & sidewall 2. Honey comb panel 3. Fibreglass side wall panel, ceiling and parts 4. Aluminium/stainless steel air duct 5. Luggage rake 6. Toilet module 7. Fibreglass front mask 8. Driver cab in composite material 9. Lighting system 10. Composite material a) Micro Processor vehicle logic. b) On board automation system c) Diagnostic, monitoring and communication systems d) Data recording units e) Fire detection & fire fighting on board railways and mass transit vehicles	iv) Deprecq, Raismes, France v) Faiveley, Marcq-en-Baroeul, France vi) ICF/RCF vii) ICF/RCF 1. Bombardier Transportation 2. AnsaldoBreda Tran Sirio, Bergamo 3. Astra Vagoane 4. Ansaldo Breda & Firema, T.S.R. EMU 5. Corifer, Vavalto 6. AnsaldoBreda 7. AnsaldoBreda Metro Genova 8. Bombardier AGC for SNCF 9. Softronic, EMU 10. Altom, New Pendolino Trenitalia Cisalpine and China
--	---	--	---