

उत्तर रेलवे

मुख्यालय कार्यालय,
इंजीनियरिंग विभाग,
बड़ौदा हाउस, नई दिल्ली

Chief Engineer's Circular No. 612 (Draft)

सं. 550-डब्ल्यू/ओ/रेलवे स्ट्रक्चर/भाग-2/पॉलिसी

दिनांक 26 मई 2009

Sub : Recommended Provisions For Flooring At Various Categories Of Stations

For standardising Flooring at various Utility Places with options of different flooring materials at various categories of stations on Northern Railway system, Chief Engineer's Circular No. 612 has been drafted hereby under :

SL	Utility Place	Various Options Of Flooring Materials At A1, A, B, C, D, E & F Category Stations						
		A1 Earning more than Rs. 50 crore	A Earning more than Rs. 6 crore and upto Rs. 50 crore	B Earning Rs. 3 crore to Rs. 6 crore	C Sub urban stations	D Earning between Rs. 1 crore & Rs. 3 crore	E Earning less than Rs. 1 crore	F Halt
1.	Platform (Covered Area)	1. Kota or similar stone flooring with or without stone cladding 2. Fibre reinforced vacuum dewatered concrete flooring 3. Mastic asphalt flooring 4. Interlocking paver blocks using plastic moulds.	1. Kota or similar stone flooring with or without stone cladding 2. Fibre reinforced vacuum dewatered concrete flooring 3. Mastic asphalt flooring	1. Kota or similar stone flooring with or without stone cladding 2. Fibre reinforced vacuum dewatered concrete flooring 3. Mastic asphalt flooring	1. Mastic flooring 2. Fibre reinforced vacuum dewatered concrete flooring 3. Kota or similar stone flooring with or without stone cladding	1. Fibre reinforced vacuum dewatered concrete flooring 2. Bituminous flooring.	1. Vacuum dewatered Cement Concrete Flooring. 2. Rough Dressed Stones flooring 3. Bituminous flooring. 4. Brick on edge	1. Moorum surface flooring 2. Brick on edge 3. Rough dressed stone

SL	Utility Place	A1	A	B	C	D	E	F
2.	Platform (Open Area)	1. Kota or similar stone flooring with or without stone cladding 2. Fibre reinforced vacuum dewatered concrete flooring 3. Mastic asphalt flooring 4. Interlocking precast paver blocks using plastic moulds	1. Kota or similar stone flooring with or without stone cladding 2. Fibre reinforced vacuum dewatered concrete flooring 3. Mastic asphalt flooring 4. Interlocking precast paver blocks using plastic moulds.	1. Kota or similar stone flooring with or without stone cladding 2. Fibre reinforced vacuum dewatered concrete flooring. 3. Mastic asphalt flooring 4. Interlocking precast paver blocks using plastic moulds.	1. Kota or similar stone flooring with or without stone cladding 2. Fibre reinforced vacuum dewatered concrete flooring. 3. Mastic asphalt flooring 4. Interlocking precast paver blocks using plastic moulds.	1. Fibre reinforced vacuum dewatered concrete flooring 2. Interlocking pre-cast Cement Concrete Paver Blocks flooring. 3. Bituminous flooring. 4. Terrazo tiles flooring	1. Rough Dressed Stones Slab. 2. Fibre reinforced vacuum dewatered concrete in 3m width towards track 3. Brick on edge flooring. 4. Bituminous flooring. 5. Moorum surface flooring	1. Brick on Edge. 2. Moorum surface flooring.
3.	No Trolley Zone on Edges of Platforms	1. Precast concrete Tactile in yellow colour manufactured by vibro compaction and process and using jointless FRP Moulds 2. High strength precast Chequered Tiles.	1. Precast concrete Tactile in yellow colour manufactured by vibro compaction and process and using jointless FRP Moulds 2. High strength precast Chequered Tiles.	1. Precast concrete Tactile in yellow colour manufactured by vibro compaction and process and using jointless FRP Moulds 2. High strength precast Chequered Tiles.	1. Precast concrete Tactile in yellow colour manufactured by vibro compaction and process and using jointless FRP Moulds 2. High strength precast Chequered Tiles.	1. High strength precast Chequered Tiles. 2. Terrazo tiles flooring	1. CC Coping Slabs 2. Chequered CC Tiles	1. CC Coping Slabs 2. Chequered CC Tiles
4.	Concourse/Reservation Centre	1. Polished Granite Flooring 2. Polished Granite alongwith Flame Granite Flooring 3. Kota or similar stone flooring with or without stone cladding	1. Polished Granite alongwith Flame Granite Flooring 2. Kota or similar stone flooring with or without stone cladding 3. Fibre reinforced vacuum dewatered concrete flooring	1. Kota or similar stone flooring with or without stone cladding 2. Fibre reinforced vacuum dewatered concrete flooring	1. Polished Granite Flooring 2. Polished Granite alongwith Flame Granite Flooring 3. Kota or similar stone flooring with or without stone cladding	1. Terrazo Tiles flooring. 2. Fibre reinforced vacuum dewatered concrete flooring 3. Kota or similar stone flooring with or without stone cladding	1. Vacuum dewatered Cement Concrete Flooring. 2. Kota or similar stone flooring with or without stone cladding 3. Terrazo tiles flooring	

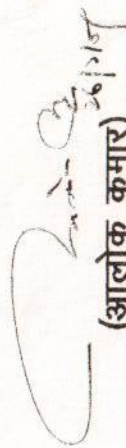
SL	Utility Place	A1	A	B	C	D	E	F
5.	Portico	1. Interlocking precast paver blocks using plastic moulds 2. Fibre Reinforced Vacuum Dewatered Concrete Flooring 3. Mastic asphalt flooring	1. Interlocking precast paver blocks using plastic moulds 2. Fibre Reinforced Vacuum Dewatered Concrete Flooring 3. Mastic asphalt flooring	1. Interlocking precast paver blocks using plastic moulds 2. Fibre Reinforced Vacuum Dewatered Concrete Flooring 3. Mastic asphalt flooring	1. Interlocking precast paver blocks using plastic moulds 2. Fibre Reinforced Vacuum Dewatered Concrete Flooring 3. Mastic asphalt flooring	1. Interlocking precast paver blocks using plastic moulds 2. Bituminous flooring		
6.	Waiting Hall	1. Polished Vitrified Tiles as per IS : 15622 2. Granite tiles flooring. 3. Marble flooring.	1. Polished Vitrified Tiles as per IS : 15622 2. Granite Tiles flooring. 3. Ceramic tiles as per IS:15622. 4. Marble flooring.	1. Polished vitrified tiles as per IS:15622. 2. Ceramic Tiles as per IS:15622. 3. Kota stone flooring. 4. Marble flooring.	1. Polished Vitrified Tiles as per IS : 15622 2. Ceramic Tiles as per IS:15622. 3. Kota Stone flooring.	1. Terrazzo Tiles 2. Ceramic Tiles as per IS:15622. 3. Kota stone flooring.	1. CC Floor 2. Rough Dressed Stones Slab	1. CC Floor 2. Rough Dressed Stone Slab
7.	Toilet	Abrasion resistant ceramic tiles on floor (Group B-II of IS-15622) and ceramic tiles on walls (Group B-III of IS-15622)	Abrasion resistant ceramic tiles on floor (Group B-II of IS-15622) and ceramic tiles on walls (Group B-III of IS-15622)	Abrasion resistant ceramic tiles on floor (Group B-II of IS-15622) and ceramic tiles on walls (Group B-III of IS-15622)	Abrasion resistant ceramic tiles on floor (Group B-II of IS-15622) and ceramic tiles on walls (Group B-III of IS-15622)	Abrasion resistant ceramic tiles on floor (Group B-II of IS-15622) and ceramic tiles on walls (Group B-III of IS-15622)	Abrasion resistant ceramic tiles on floor (Group B-II of IS-15622) and ceramic tiles on walls (Group B-III of IS-15622)	Abrasion resistant ceramic tiles on floor (Group B-II of IS-15622) and ceramic tiles on walls (Group B-III of IS-15622)
8.	Stairs	1. Flame Granite Flooring 2. High strength precast Chequered Tiles	1. Flame Granite Flooring 2. High strength precast Chequered Tiles	1. High strength precast Chequered Tiles	1. Flame Granite Flooring 2. High strength precast Chequered Tiles	1. Chequered CC Tiles 2. RCC slab	1. Chequered CC Tiles 2. RCC slab	
9.	FOB - Gangway	1. Polished Granite alongwith flame granite 2. Terrazzo Tiles flooring	1. Polished Granite alongwith flame granite 2. Terrazzo Tiles flooring	1. Polished Granite alongwith flame granite 2. Terrazzo Tiles flooring	1. Polished Granite alongwith flame granite 2. Terrazzo Tiles	1. Terrazzo tiles flooring 2. RCC slab	1. Terrazzo tiles flooring 2. RCC slab	

SL	Utility Place	A1	A	B	C	D	E	F
10.	Refreshment Room	1. Abrasion resistant ceramic floor tiles 2. Kota or similar stone flooring with or without stone cladding	1. Abrasion resistant ceramic floor tiles 2. Kota or similar stone flooring with or without stone cladding 3. Terrazzo tiles	1. Abrasion resistant ceramic floor tiles 2. Kota or similar stone flooring with or without stone cladding 3. Terrazzo tiles	1. Abrasion resistant ceramic floor tiles 2. Kota or similar stone flooring with or without stone cladding	1. Abrasion resistant ceramic floor tiles 2. Kota or similar stone flooring with or without stone cladding 3. Terrazzo tiles		
11.	Retiring Room	1. Polished Vitrified Tiles	1. Polished Vitrified Tiles	1. Polished Vitrified tile flooring 2. Terrazzo tiles 3. Ceramic floor Tiles		1. Terrazzo tiles flooring 2. Ceramic floor tiles		
12.	Parking Area	1. Fibre Reinforced Vacuum Dewatered Concrete Flooring 2. Bituminous flooring. 3. Interlocking precast paver blocks using plastic moulds	1. Fibre Reinforced Vacuum Dewatered Concrete Flooring 2. Bituminous flooring. 3. Interlocking precast paver blocks using plastic moulds	1. Fibre Reinforced Vacuum Dewatered Concrete Flooring 2. Bituminous flooring. 3. Interlocking precast paver blocks using plastic moulds	1. Fibre Reinforced Vacuum Dewatered Concrete Flooring 2. Bituminous flooring. 3. Interlocking precast paver blocks using plastic moulds	1. Vacuum Dewatered Concrete Flooring 2. Bituminous flooring. 3. Interlocking precast paver blocks using plastic moulds	1. Bituminous flooring. 2. Levelled surface with good quality soil/moorum	3. Levelled surface with good quality soil/moorum
13.	Parcel Area	1. Fibre reinforced concrete flooring 2. CC floor with hardened topping on concrete surface 3. Mastic flooring	1. Fibre reinforced concrete flooring 2. CC floor with hardened topping on concrete surface 3. Mastic flooring	1. Fibre reinforced concrete flooring 2. CC floor with hardened topping on concrete surface 3. Mastic flooring	1. Fibre reinforced concrete flooring 2. CC floor with hardened topping on concrete surface 3. Mastic flooring	1. Fibre reinforced concrete flooring 2. CC floor with hardened topping on concrete surface 3. Mastic flooring		

SL	Utility Place	A1	A	B	C	D	E	F
14.	Circulating Area	1. Fibre Reinforced Vacuum Dewatered Concrete Flooring 2. Bituminous flooring 3. Interlocking precast paver blocks using plastic moulds 4. High strength Chequered tiles (No vehicle zone only)	1. Fibre Reinforced Vacuum Dewatered Concrete Flooring 2. Bituminous flooring 3. Interlocking precast paver blocks using plastic moulds 4. High strength Chequered tiles (No vehicle zone only)	1. Fibre Reinforced Vacuum Dewatered Concrete Flooring 2. Bituminous flooring 3. Interlocking precast paver blocks using plastic moulds 4. High strength Chequered tiles (No vehicle zone only)	1. Fibre Reinforced Vacuum Dewatered Concrete Flooring 2. Bituminous flooring 3. Interlocking precast paver blocks using plastic moulds 4. High strength Chequered tiles (No vehicle zone only)	1. Vacuum dewatered Concrete Flooring 2. Interlocking precast paver blocks using plastic moulds 3. Bituminous flooring	1. Bituminous flooring 2. Levelled surface with quality soil/moorum	1. Levelled surface with good quality soil/moorum

Suggestions, if any may kindly be advised to the undersigned by **5th June 2009**, so that final Circular may be issued for implementation. If no comments are received by due date, it shall be presumed that there is nothing to be revised/modified and final document will be issued accordingly.

This has the **approval of Pr. Chief Engineer/Northern Railway.**


(आलोक कुमार)
 मुख्य इंजीनियर / पी.एंड डी.

वितरण :

1. Divisional Railway Managers / Northern Railway / Ambala Cantt, Delhi, Ferozepur, Lucknow & Moradabad Divisions.
2. CAO/Construction, Northern Railway, Kashmiri Gate, Delhi.
3. COM, CCM, CEE, CSTE, CME, CMD / NR HQ. Office, Baroda House, New Delhi.
4. All Engineering Officers in Headquarters Office, Baroda House, New Delhi.
5. Incharges of DOE, DOB & DOT and Chief Office Supdt./Co-ord./Engg./Northern Railway, Baroda House, New Delhi.