

RAIL COACH FACTORY KAPURTHALA

MP. 40 (RM) LHB. dt 20.7.2001.
 1. This interior colour scheme as advised by design office is only for 2nd class AC-
 Chan car while the total 8 different variants, 24 variants, are planned
 to be manufactured during 2001-2002 & 2002-2003 respectively. To please expedite the process
 of points of different shades, the interior colour scheme, i.e. applicability of paint of
 different shades at least in all 8 different variants of coaches be Dated 21-06-2001
 advised immediately.
 2. To procure the paint to the requirements in different shades, the specifications of
 different paints be advised immediately. With the above information
 processing of orders will remain hold up.
 ✓ C.C. CDE Sub: LHB/MIAT Project.
 INTERIOR COLOUR SCHEME FOR LHB DESIGN CHAIR CAR COACHES

Ref: Interior colour scheme for ALSTOM-LHB design coaches as approved by Member
 (Mechanical) & recorded in minutes of meeting held on 27-28 th Feb. 1998

The interior colour scheme of 2nd Class AC C/Car is reproduced below with additional
 details regarding coating type etc. as subsequently finalised by ALSTOM-LHB & intimated to RCF vide
 their technical documentation. Colour scheme for variant designs will be advised subsequently.

PASSENGER ROOM AREA :

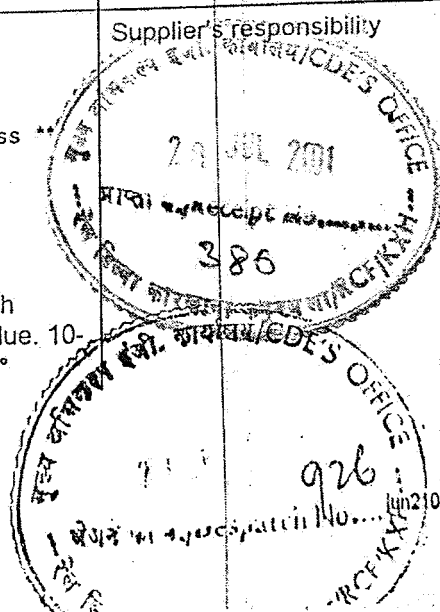
#	ITEM DESCRIPTION	COLOUR SHADE	COATING TYPE	FINISH	REMARKS
1	Ceiling panels	RAL-DS-7000	Acrylic structural paint system with compatible primer coating thickness 40 microns minimum	Matt finish Gloss value. 10-12 at 45°	LHB use paints from M/s Relius, M/s Mankiewicz. Equivalent Indian paints are Asian, Jensions & Nicholson, Goodlass Nerolac, Modi Paints
2	Side wall panels	RAL-DS-8000	Acrylic structural paint system with compatible primer coating thickness 40 microns minimum	Matt finish Gloss value. 10-12 at 45°	-do-
3	Luggage rack assembly				Supplier's responsibility
a	Aluminium Frame	RAL-9006	Powder Coating	High Gloss	
b	Toughened glass pane	Transparent	No coating	Plain	
c	Rubber profile	Grey	No coating	Matt finish Gloss value. 10-12 at 45°	

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Table plate

Polycarbonate (Lexan) sheets	RAL-DS 170 60 10	No coating	High gloss above 50 at 45 °	
Window blind fabric	RAL DS 8000	No coating	--	Supplier's responsibility
Compartment end wall HPL	Pattern similar to Abet-Milano 1100 mandarin	No Coating	Gloss value. 10-12 at 45 °	Supplier's responsibility
AC compartment sliding door	Natural steel colour (bare steel sheet)	No coating	brushed finish	Supplier's responsibility
Seats				Supplier's responsibility
Frame & bottle holder	RAL-9006*	Powder coating	High gloss above 50 at 45 °	
Seat fabric	Pattern similar to Aunde Circuit Verde	No coating	--	
Arm rest and back rest	RAL DS 170 60 10	No coating	High Gloss above 50 at 45 °	
Snack table	RAL DS 170 60 10	Powder Coating	High Gloss above 50 at 45 °	
PVC floor covering	Pattern similar to DLW Deliplan Merit 992-55	No coating	--	Supplier's responsibility
Carpet	Pattern similar to DLW Premier Efendi V-7306-35	No coating	--	Supplier's responsibility
Ceiling side panels	RAL-DS-9000	Acrylic structural paint system with compatible primer coating thickness 40 microns minimum	Matt finish Gloss value. 10-12 at 45 °	LHB use paints from M/s Relius, M/s Mankiewicz. Equivalent Indian paints are Asian, Jensions & Nicholson, Goodlass Nerolac, Modi Paints

Blue - NAL-FLG-02 PL.No. 75980149

LAVATORY AREA :

#	ITEM DESCRIPTION	COLOUR SHADE	COATING TYPE	FINISH	REMARKS
1	Ceiling component Alcubond	RAL DS 9000	Lacquer coated	Matt finish, Gloss value. 10-12 at 45°	Supplier's responsibility } Shall be same for all coach types of 201-2007 ✓
2	Partition walls/window surround	RAL DS 160 80 05 ✓	Acrylic structural paint system with compatible primer coating thickness 40 microns minimum	Matt finish Gloss value. 10-12 at 45°	LHB use paints from M/s Relius, M/s Mankiewicz Equivalent Indian paints are Asian, Jensions & Nicholson, Goodlass Nerolac, Modi paint
3	Wash stand upper/Wall mounted cabinets	RAL DS 270 60 20 ✓	-do-	-do-	-do-
4	Wash stand cabinets	RAL DS 270 60 20 ✓	-do-	-do-	-do-
5	Pillars	RAL 9006	Powder Coating	High Gloss	Supplier's responsibility ✓ To check
6	Wash basin	Natural steel colour (bare steel sheet)	No coating	brushed finish	Supplier's responsibility
7	Waste Bin	Natural steel colour (bare steel sheet)	No coating	brushed finish	Supplier's responsibility
8	Lavatory Bowl Euro/orient	Natural steel colour (bare steel sheet)	No coating	brushed finish	Supplier's responsibility
9	Lavatory door	***	No coating	--	Supplier's responsibility
10	Trough floor with corundum	RAL DS 170 60 10 ✓	Acrylic structural paint system with compatible primer coating thickness 40 microns minimum	Matt finish, Gloss value. 10-12 at 45°	LHB use paints from M/s Relius, M/s Mankiewicz. Equivalent Indian paints are Asian, Jensions & Nicholson, Goodlass Nerolac, Modi paint

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11.	Lavatory equipment i.e. handles, toilets paper bracket, soap dispenser , ashtray	RAL DS 080 80 40	No coating	High gloss above 50 at 45 °	Supplier's responsibility
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III ENTRANCE AREA :

	ITEM DESCRIPTION	COLOUR SHADE	COATING TYPE	FINISH	REMARKS
1.	Ceiling components HPL	RAL DS 9000	No Coating	Matt finish , Gloss value. 10-12 at 45 °	Supplier's responsibility
2.	Wall panelling HPL <i>Table Plate</i>	Pattern similar to Abet Perlalei 1024 manadrin	No Coating	Matt finish , Gloss value. 10-12 at 45 °	Supplier's responsibility
3.	Door frame panelling GRP (HPL)	RAL DS 8000 ✓	Acrylic structural paint system with compatible primer coating thickness 40 microns minimum	Matt finish Gloss value. 10-12 at 45 °	LHB use paints from M/s Relius, M/s Mankiewicz. Equivalent Indian paints are Asian , Jensions & Nicklson, Goodlas Nerolac, Modi paint
4.	Entrance doors	RAL DS 160 70 30 ✓	-do-	-do-	-do-
5.	Corner profiles/handles	Natural steel colour	No coating	brushed finish	Supplier's responsibility
6.	Lavatory doors/pantry doors	***	No coating	---	Supplier's responsibility
7.	Compartment doors	Natural steel colour (bare steel sheet)	No coating	brushed finish	Supplier's responsibility
8.	Roller shutter for pantry storage	RAL-9006	Powder Coating	High Gloss above 50 at 45 °	Supplier's responsibility

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9.	room				Supplier's responsibility
	Wash - basin/waste bin	Natural steel colour (bare steel sheet)	No coating	brushed finish	
10.	Floor covering	DLW Delisafe 444-58	No coating		Supplier's responsibility

** Details of Powder Coating on Luggage Rack

Description
Colour
Thickness
Gloss
Impression hardness

Values Required
RAL9006 (white aluminium)
75- 80 MICRONS
85 at 45 °
> = 80 as per ISO-2815

* Details of Powder Coating on Seats:

Description
Colour
Thickness
Gloss

Values Required
RAL9006
50 - 80 MICRONS
80-90

*** Colour Scheme of the doors :

LAVATORY DOOR FRAME		
Primer	2-component epoxy metal primer	Beige-red, RAL3012
Undercoat	2-component pur priming paint	Sand-yellow, RAL1002
Topcoat	2-component pur topcoat paint	RAL-DS 200 60 10
LAVATORY DOOR, LEAF		
Panelling	HPL	Decor satinata no. 873
PANTRY DOOR, LEAF OUTSIDE		
Panelling	HPL	Decor satinata no. 873
PANTRY DOOR, LEAF INSIDE		
Panelling	HPL	Decor no. 477
PANTRY DOOR, FRAME		
Primer	2-component epoxy metal primer	Beige-red, RAL3012
Undercoat	2-component pur priming paint	Sand-yellow, RAL1002
Topcoat	2-component pur top coat paint	RAL-DS 030 50 30

SME/VD

By. CPLE-II For initiating procurement action for interior paint.
Dy CME/FP For kind information.
WM/Paint For kind information.

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