**RAIL COACH FACTORY, KAPURTHALA**

MD35131 DATED: 29/01/2026

**Sub: - Issue** of corrigendum-1 of "TECHNICAL SPECIFICATION FOR FRP COMPONENTS COMPLYING FIRE RETARDANT CHARACTERISTICS AS PER EN 45545-2" MDTS-43373 (Rev-01).

Following modifications are made to the clause 10.d, table-6(Properties required of Anti-Graffiti painted surface of FRP components) and clause 11, table-7(Quality Assurance, Tests & Documents) in specification no. MDTS-43373 Rev-01.

| S.No. | Clause | Earlier | | Modified | |
|---|---|---|---|---|---|
| | | Characteristics | Requirements | Characteristics | Requirements |
| 1. | 10.d (1) | Gloss at 20°,60°, 85° angle of incidence | > 90 ( For glossy and gel coated panels)<br>5-30 ( For matt Finish) | Gloss at 60° angle of incidence | > 80 ( For glossy and gel coated panels)<br>16-30 (For matt Finish) |
| 2. | 10.d (2) | Scratch hardness (1.5 kg load for 25 µm) | 1.5 Kg load on 25-30 microns No such scratch so as to show bare metal | Scratch hardness (1.5 kg load ) | No such scratch so as to show on base surface |
| 3. | 10.d (3) | Durability Test: Out-door accelerated weathering test exposure | Rating:<br>Chalking:10<br>Checking 10<br>Cracking 10<br>Flaking 10<br>Spotting 10<br>Blistering 10<br>Corrosion No Corrosion<br>Color change AE < 1.0<br>Gloss: The film shall have minimum gloss retention of 90% of its critical value.<br>See App. -J of MDTS-094 | Durability Test: Accelerated weathering test | Rating:<br>Chalking:-10<br>Checking :-10<br>Cracking :-10<br>Flaking :-10<br>Spotting :- 10<br>Blistering :-10<br>Corrosion :- No Corrosion<br>Color change :- AE < 1.0<br>Gloss: The film shall have minimum gloss retention of 90% of its critical value.<br>See App. -J of MDTS-094 |
| 4. | 11 | Anti-graffiti test is listed in acceptance tests. | | Anti-graffiti test is now considered as routine test. | |

DY.CME/DF 31/01/26

21/1/26.

CDE /RCF :- May kindly approve

CME/QA, CPLE, CWE/FUR, CMM/HSQ, CWE/SHELL, DY.CME/LHB/HSQ
DY.CMM/G, CMT, DY.CPLE-II & III, DY.CMM/FUR

SSE/Filing section
SSE/LIB. Mech. Design
SSE/Record(with original copy)
SSE/Design/RCF/TKJ

Copy for information to:

DY.CME/D, Vendor/D Shell/D Bogie