

REAL

December 2021

Torque

Contact maintenance for any questions on 0800 80 80 69

Mezzanine floors

A Mezzanine floor (mezz floor) is another load carrying platform that is an option to fit to trucks and trailers to allow freight to be carried, that if it was stacked on top of other items, it would result in damage. Using a mezz floor also allows for load separation and easier loading.

The mezz floor is supported at each corner with metal mezz floor hooks, these sit directly on the metal underside of the mezz floor. If the mezz floor is not secure and restrained correctly, these hooks can rub against the underside of the metal floor, generating hot metal fragments which have been known to set fire to freight. Some trailer manufacturers now offer mezz floor supports with Teflon inserts to help mitigate against this issue.

TR Group has a 12 monthly service inspection requirement which helps to ensure floors are safe and in good working condition.



Floors must be properly restrained to avoid damage to front and rear corner posts of the truck or trailer and floor support poles must be used.



Image shows worn support hooks.



This image shows a mezz floor worn away where a support hook should be located.



Mezz floor hook with a nylon wear pad in place.



Do not exceed the manufacturer's safe weight limit otherwise failures like this can occur.



This is an example of a mezz floor loaded without the mezz floor support poles in place and correctly used.



TR Tips

Tips and Tricks

- ▶ Do not enter the space under a raised mezz floor.
- ▶ Not in any way should you load the floor without support poles correctly fitted.
- ▶ Always ensure that the load on the floor does not exceed the manufacturer's load ratings.
- ▶ Restrain the floor correctly using the correct number of straps, ratchets, chains and support poles.
- ▶ Do not under any condition remove the floor support poles from a loaded floor.
- ▶ When installing, follow the manufacturer's guidelines and TR Group's SOPs.
- ▶ Inspect the floor before use looking for damage with special attention being paid to floor hooks and ladders.
- ▶ Workshops are to carry out our 12 monthly mezz floor inspection procedure.

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