G-DECK

LOAD DECK SYSTEMS

Manufacturers Instruction Manual

www.gdecking.com

INSTALLATION METHOD STATEMENTS

Method statements for erection and dismantling of the G-DECK DUAL system should be read with consideration of the specific site requirements and conditions. The procedures outlined are for guidance only and may need to be modified as a result of a specific site risk assessment.

General Requirements

- G-DECK DUAL can be loaded to 600kg per m2.
- The base should be clean, free from debris, level, and must be capable of sustaining the load applied through the G-DECK DUAL scaffold tubes.
- It is recommended that loading of the make-up panels if installed is avoided.
- Should DUAL be used on higher floors than ground then it is advised to add a sufficient propping solution to the floor below to help support.

Pre-Installation Checks

- Each component should be inspected before being included in the deck assembly for signs of damage or fatigue. If in doubt, contact LDS Hire & Sales Ltd for further advice.
- Ensure all components are clean, free from debris and build of materials such as mortar spots or concrete overspills.

General Installation Guidance

- Installation should only be carried out by suitably trained personnel who are familiar with the assembly of the system and the contents of the current version of this guide.
- Current Health and Safety guidance must be followed, including guidance on the use of PPE and high visibility clothing.
- Where there is a risk of materials falling onto persons passing below whilst erecting the deck, suitable exclusion zones should be provided.

Completed G-DECK Checks

- G-DECK DUAL should be inspected by a competent individual prior to each use, and after any incidents of extreme weather or accidental loading/damage. The inspection should cover all aspects and components of the deck, and the results recorded on file.
- Any occurrence during usage of G-DECK DUAL which raises a concern over safety should be reported to the individual responsible for the deck, and the necessary action taken to make the deck safe.

Warning

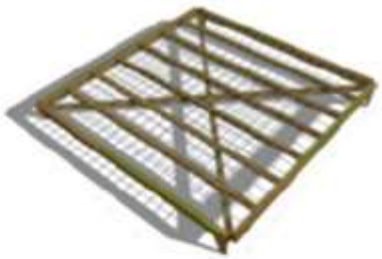
- Never allow untrained individuals to erect or modify the decks.
- Never remove components without consulting a suitably qualified individual.
- Never create gaps in the deck by removing platform units.
- Never leave access points unguarded.
- Never add sheeting or netting to the G-DECK DUAL structure.

DUAL Component List

Platform Decks

Part: GD9 Weight: 14kg

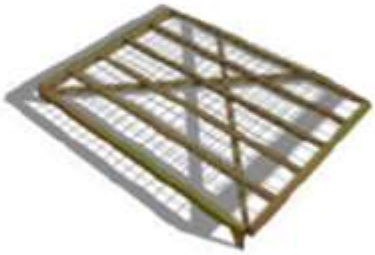
1m x 1m steel platform



Platform Decks

Part: GD33 Weight: 11kg

750mm x 1m steel platform



Platform Decks

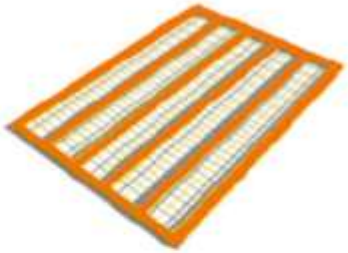
Part: GD8 Weight: 8kg

500mm x 1m steel platform

Make-up Panel

Part: GD10 Weight: 6kg

600mm x 950mm infill panel



DUAL bracket

Part: GDU1 Weight: 3kg

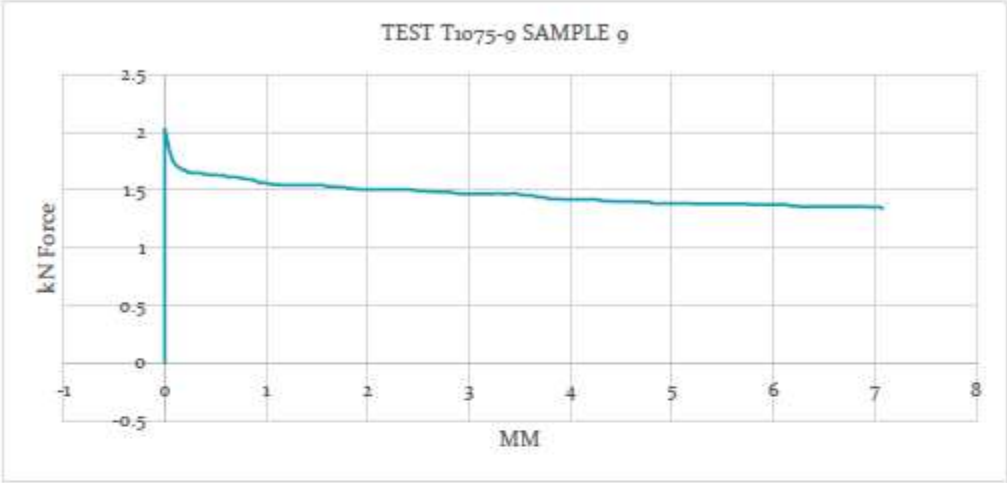
DUAL single bracket

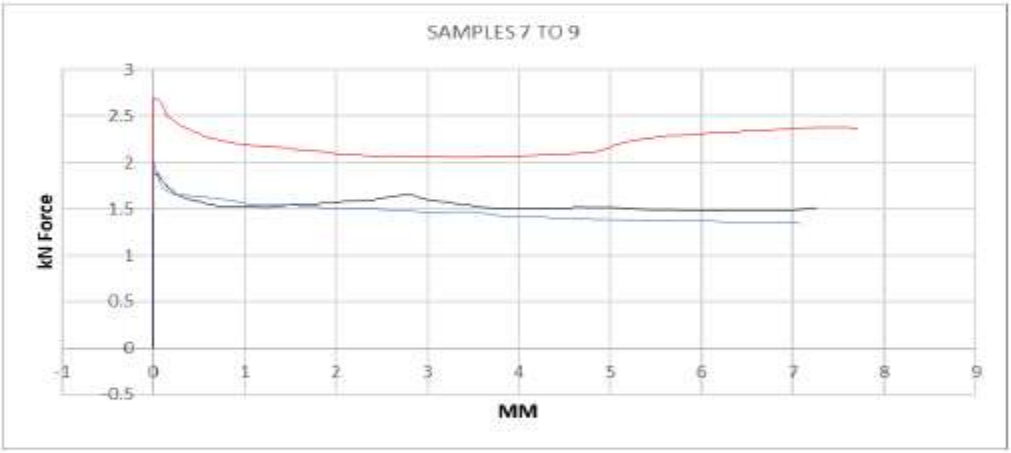
DUAL TESTING

TESMEC LTD
ENGINEERING SERVICES

Report number TES001075TR-1:

TESMEC Limited: Test house, Unit 8 Tibbington Works Ind Est.
Zion Street, Off High Street, Princes End
Tipton, West midlands, DY4 9HP
Telephone: 07947 103 644





END OF TEST REPORT TES001075TR-1

Testing conducted by: Mr. S Rogers

Report authorized by: Mr. S J Rogers On behalf of TESMEC Limited

Date of Report: 14th Septemebr 2020

Data collated to be reviewed and analysed by S Mech Chartered Engineers

Legislations

There are laws and regulations that you must be adhered to all times when using our system.

Health & Safety at Work Act 1974

The Health and Safety at Work Act 1974 (HASAWA) lays down wide-ranging duties on employers. Employers must protect the 'health, safety and welfare' at work of all their employees, as well as others on their premises, including temps, casual workers, the self-employed, clients, visitors and the general public.

Manual Handling Operations Regulations 1992

Manual Handling Operations Regulations 1992 (as amended) (MHOR)
The Regulations define manual handling as: "...any transporting or supporting of a load (including the lifting, putting down, pushing, pulling, carrying or moving thereof) by hand or bodily force". The load can be an object or person.

The Personal Protective Equipment at Work Regulations 1992

Employers have duties concerning the provision and use of personal protective equipment (PPE) at work. PPE is equipment that will protect the user against health or safety risks at work. It can include items such as safety helmets, gloves, eye protection, high-visibility clothing, safety footwear and safety harnesses.

The Workplace (**Health**, **Safety and Welfare**) **Regulations 1992**

In the United Kingdom Statutory Instrument that stipulates general requirements on accommodation standards for nearly all workplaces. ... Enforcement is the responsibility of the Health and Safety Executive (HSE) or in some cases, local authorities.

The Working at Height Regulations 2005

The Working at Height Regulations 2005 (WAHR) has no minimum height requirement for work at height. They include all work activities where there is a need to control a risk of falling a distance liable to cause personal injury.

Management of Health and **Safety at Work Regulations 1999**.

The Regulations were introduced to reinforce the Health and Safety at Work etc Act 1974. The MHSWR places duties on employers and employees including those who are clients, designers, principal contractors or other contractors.

Inspection form

WEEKLY INSPECTION SHEET

Customer:		
Inspection done by:	Location:	
Signature:	Date:	
Time:	Start:	Finish:

Item:	Yes:	No:	Comments:
Ensure all components are free froom damage/distortation/fatigue			
The floor is suitable for loading			
The floor is level			
Ensure all legs are upright			
Ensure deck surface is free from debris			
Check cross braces are still secure if installed			
Are buckle straps still secure on make up panels			
Check all decks are level and fins are located			
Ensure working loads are adhered to			
Ensure ladder hatch is closed and secured			

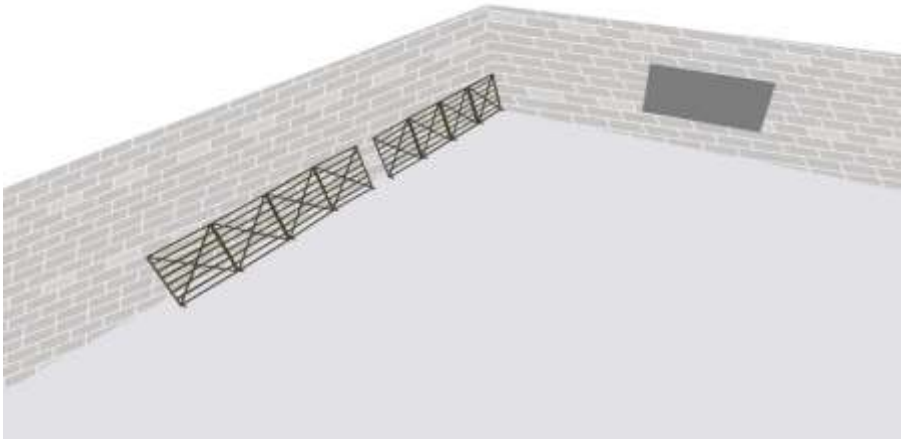
This installation has been carried out by trained installer(s) in accordance with the manufacturers method statement. Any addition, alterations, adaptations or varitations (including minor alterations) to the structure may only be carried out by the installer. In the event that the hirer requires any such services then a request must be submitted.

INSTALLATION UP TO 1.8m, 2.0M, 3.0M

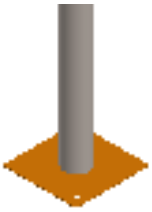
Note: This method Statement guide for the erection of G-DECK DUAL which is a system that should always be installed within a wall-to-wall environment and can be loaded up to 600kg per m2**.** All works should be carried out below the platform, if you ever are installing on higher floors than GF a sufficient propping system should be installed to the floor below to help support as a precaution.

1. Check the equipment that has been ordered is enough and suitable for the area in which the deck is to be erected.

2. Lay out the platform units against one wall to check the setting out. Gaps less than 400mm should be left in the centre of the deck or end of the run up to the wall, this gap is to be covered using make-up or deck panels as the platform is erected. Gaps of 500mm can be accommodated using the half width deck panels in the required locations.



3. Place the tube onto a base plate and level as required

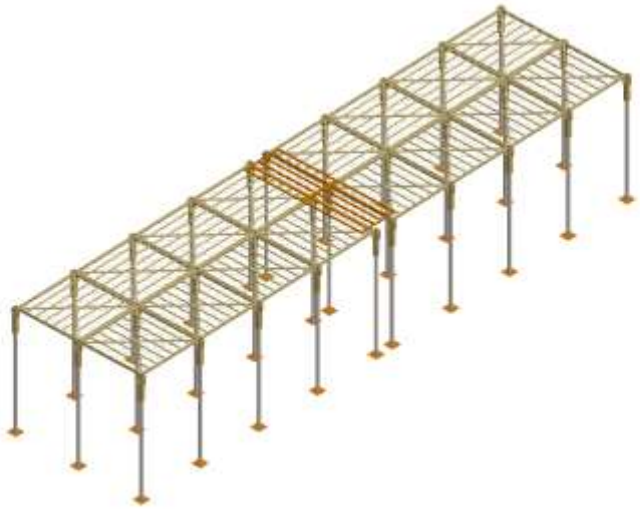


4. Stand two tubes upright and insert a platform into the V presses on the DUAL bracket at 1.8m. The DUAL bracket box section should always be out the outside of the deck.

5. Then add an additional two tubes with DUAL brackets fitted to form the first m2.

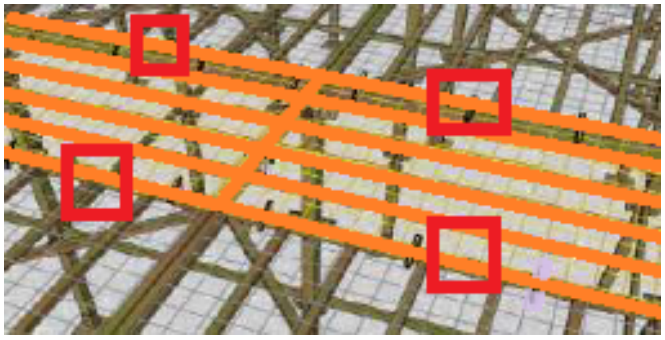
6. Carry on adding decks and tube legs with DUAL brackets on and erect and follow down the wall.

7. If the geometry dictates a gap in the centre of the run (see Step 8), lay an infill panel or deck panel over the gap and secure.

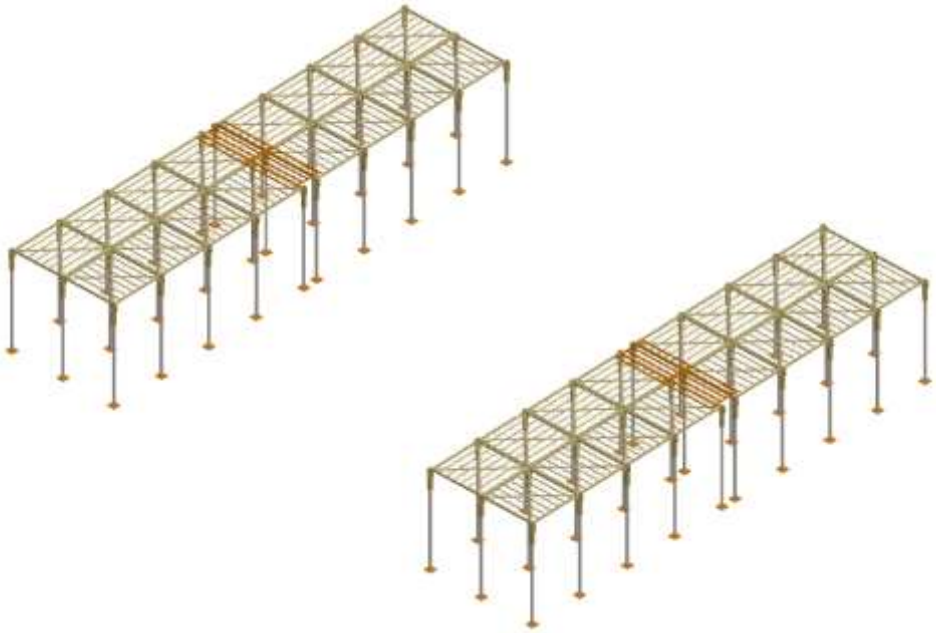


8. If the G-DECK platform requires extra rigidity, scaffold tubes can be fitted below using tubes and fitting to form leg bracing. If bracing below only fit where felt necessary to remove excessive movement.

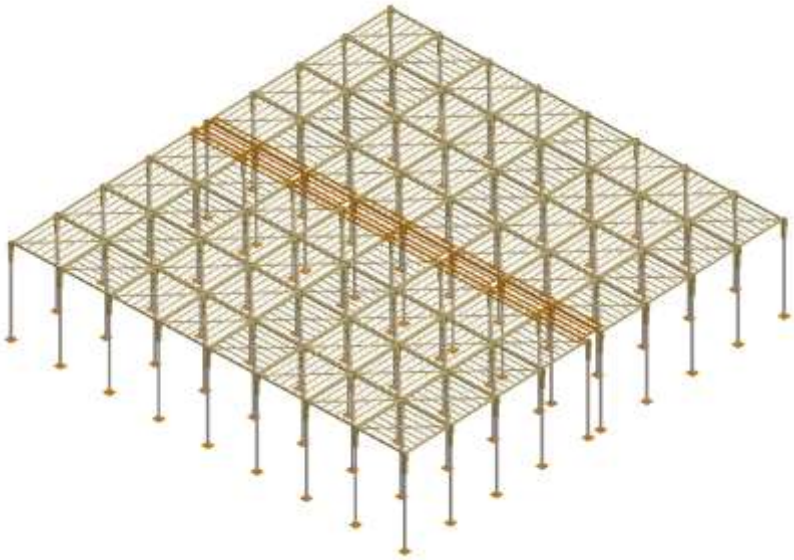
9. Make sure the overlaps are secured using appropriate buckle straps. A minimum of one strap on the outer edge of each make up panel should be fitted. If required, additional straps can be added to remove any movement.



10. Repeat the process, starting from the opposite wall and work your way into the middle of the room.



11. When completed proceed as above, alternating sides until the platform meets in the middle. If a gap is present, use infill units as described in Step 9.



YOUR LOCAL SUPPLIER

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HIRE & SALES LTD

Accreditations

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