



Supadek

# Method statement

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## Supadek

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### Introduction

Ischebeck Titan is renowned as one of the leading manufacturers and suppliers of equipment to the construction and civil engineering industries.

Our commitment to safety and site efficiency is evident in the design performance and quality of our products, which offer safe access and secure working platforms for an enormous variety of applications.

The enclosed method statement underlines our devotion to site safety by providing recommendations, based on tried and trusted methods, for the proper use and application of Supadek.

Please take time to read and understand the information presented before using the products covered. If you need further advice or assistance consult a suitably qualified person within your own company or contact Ischebeck Titan.

### Disclaimer

The methods presented in this document are solely for the use of Ischebeck Titan equipment and are intended for guidance only. When familiarity has been gained with the equipment preferred methods may be adopted, provided they do not contravene health and safety regulations or accepted safe working practices. The information is correct at time of publication, but Ischebeck Titan reserves the right to change, without prior notice, the specifications and methods mentioned. No responsibility whatsoever can be accepted for any errors or omissions in, or misrepresentation of, the contents. For specific information refer to Ischebeck Titan Limited.

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## Site safety is your responsibility

The importance of site safety cannot be over emphasized. You have a responsibility to yourself, your colleagues, site visitors, family, friends and others to ensure you do not injure yourself or take actions, which put the lives and health of other people at risk.

Site safety rules will form part of every site's health and safety plan. You should familiarise yourself with these rules and make sure that you and fellow workers do not contravene their requirements. A prominent notice will identify personnel with overall responsibility for site safety.

You will have contractual and legal obligation to follow these rules and adhere to relevant legislation, such as the Health and Safety at Work Act, which place specific responsibilities on you and your employer to prevent accidents.

Site safety is the responsibility of everyone on site. If you have a reason to believe that safety is being compromised, you should report it to the appropriate personnel.

## Your responsibilities

Following are a few suggestions to help you work safely and contribute to safety on your site:

- Make sure you fully understand the safe and proper way to do any job.
- If in doubt, ask your supervisor – do not guess.
- Always conduct yourself in a responsible and safe manner.
- Do not expose others to danger through your actions.
- Always use the correct tools and equipment for the job.
- Always use the appropriate safety equipment and protective clothing.
- Report ALL defects in plant and equipment.
- Observe and comply with warning and hazard notices.
- Advise newcomers of safe working practices.
- Make sure you know where to go for first aid treatment.
- Report any injury and ensure it is entered in the accident book.
- Never indulge in horseplay or practical jokes at work.
- Never attempt to work whilst under the influence of alcohol or drugs.
- Make sure you have read and understood the sites health and safety requirements.
- Report any situation which might compromise site safety to the sites safety officer.

## Safe working practice

- Consider health and safety first. If you are not sure of procedures ask.
- Do not take shortcuts – use the access provided.
- Do not remove handrails or ladders from scaffolds unless instructed to do so and replace them as soon as possible.
- Play your part in keeping the site tidy and safe.
- Look out for hazard warning notices and obey them.
- Never attempt to operate machinery unless you have been trained and authorised to do so.
- Attempting to lift heavy objects or materials can cause injury – obtain assistance where necessary.
- Study you company's policy.
- Remember you have a legal duty to take reasonable care of your own health and safety and to avoid placing other people at risk. Such as those who work with you and members of the public.
- If in doubt about your job, ask your immediate supervisor for guidance.
- Your co-operation in discouraging children from entering the site will help to reduce the risk of accidents to them and others.
- Remember that entering an unsafe area could render you liable to prosecution. If it looks or feels unsafe, report it. If you are unsure, ask site supervision for advice.

## Personal protective equipment

For your protection, always use the safety helmets, ear protectors, face masks, goggles, gloves, safety harnesses and other items of personal protective equipment appropriate to the tasks you are undertaking.

When protective clothing and/or equipment is issued to you:-

- Wear or use the equipment when required and when there is any possibility of personal injury in the course of your work.
- Look after the equipment.
- If the equipment is on personal issue, store it carefully and ensure that it is available for use when needed.
- Make sure that equipment is properly maintained.
- Replace defective equipment immediately.
- If you have any doubts about the correct use, adjustment or maintenance of the equipment, ask your supervisor.

## Brief description

Supadek is a lightweight alternative to traditional timber scaffold boards.

Manufactured from recycled plastics with glass fibre reinforcement Supadek has a textured, high grip surface for sure footing.

Supadek is suitable for use as a scaffold plank in traditional type scaffolds as well as systemised scaffold systems.

65mm Supadek units can be supplied with hook ends for fixing over horizontal tubular components.

## Technical specification

Supadek has been independently tested in accordance with BS EN 12811-1:2003 Temporary works equipment - Part 1 "Scaffolds-performance requirements and general design", attaining Class 6 the highest performance rating achievable.

Supadek is quality approved to ISO9001 and has a load classification in accordance with BS1139 Part 5 1990-Service Loads for Working Platforms

Supadek has been tested to perform to Class 1 Surface Spread of Flame - BS476 Part 7 1997

### 45mm Supadek

length 3.9m

weight 15.5kg

Maximum span between transom supports = 1.5m

Maximum allowable load = 3.0kN/m<sup>2</sup>

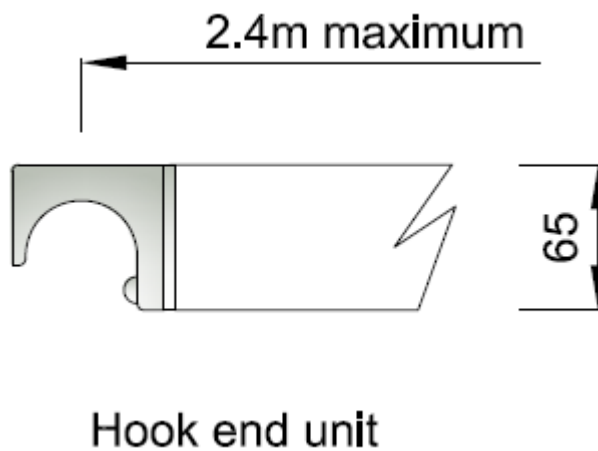
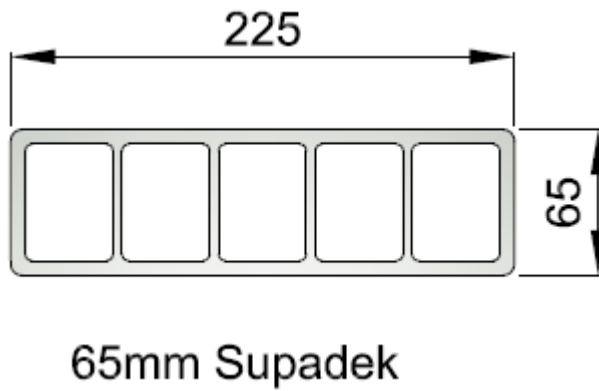
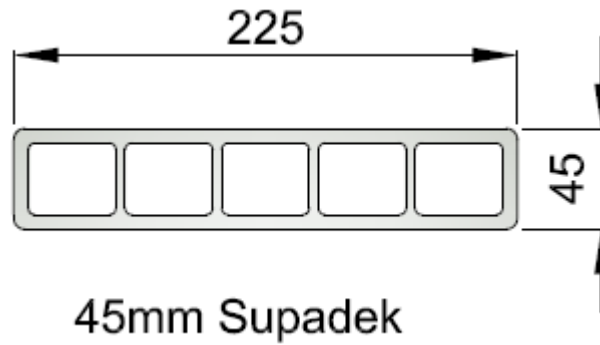
### 65mm Supadek

lengths 1.2m 1.8m 2.4m

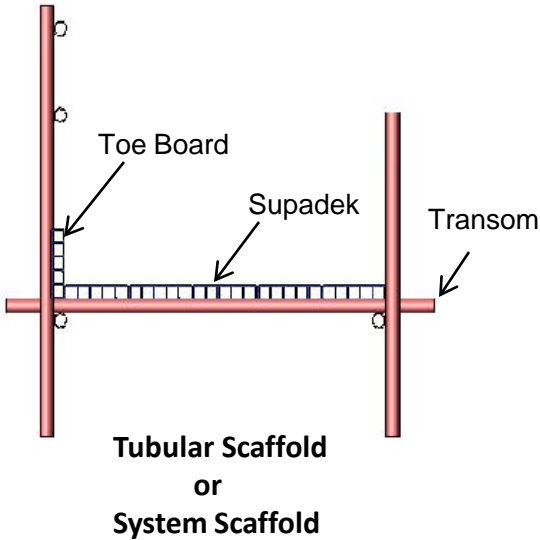
weights 7.32kg 10.56kg 13.8kg

Maximum allowable load = 3.0kN/m<sup>2</sup>

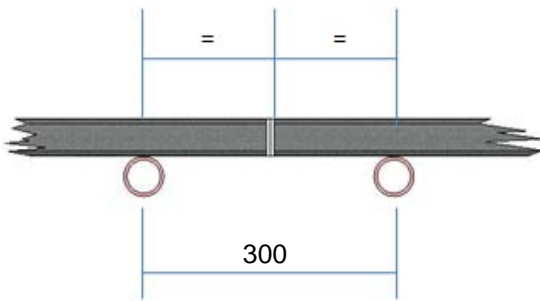
# Components



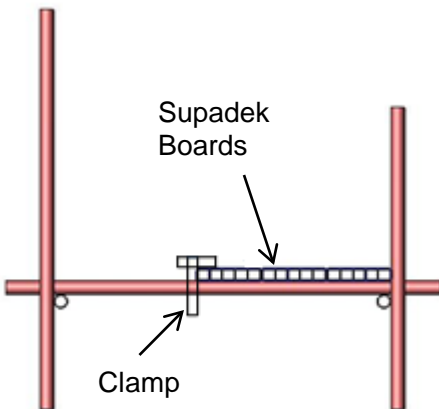
# 45mm Supadek procedures



- Ensure scaffold transoms do not exceed 1.5m centres
- Supadek to be placed in position by a suitably qualified person i.e. Scaffolder
- Operative to wear appropriate P.P.E.

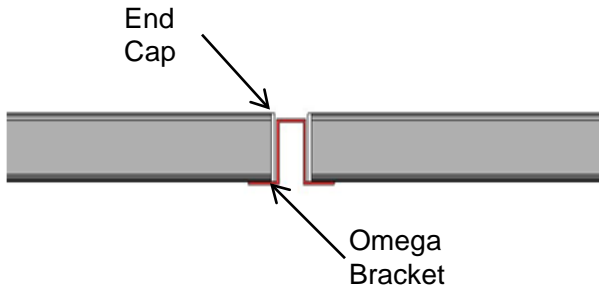


- Transoms spaced @ 300mm at Supadek joints
- Supadek overhang should never be less than 50mm

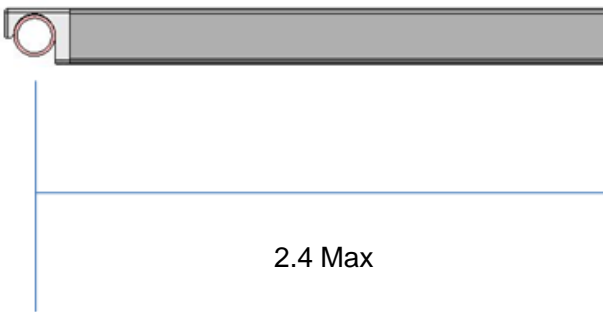


- If Supadek is being used as a temporary access/working platform as shown then it is recommended that a minimum of 2 No. clamp fittings be used to lock boards in position to prevent sideways movement.

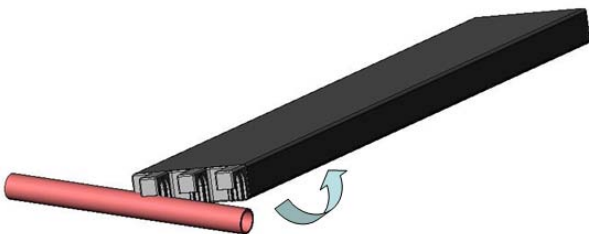
# 65mm Supadek procedures



- Supadek Units are supported by Omega type transoms



- Supadek Hook end units are supported by tubular transoms
- Maximum span between transoms = 2.4m



- Supadek hook end units should be removed by lifting from edge with hand
- Supadek Units “should not” be removed by knocking from below with scaffold tube or timber

## Handling

- Units should not be stood up and left unattended.
- Units should be passed up in one movement and not passed up through the hands in jerky movements.
- When passing units down a scaffold pass diagonally throughout the length of the structure via the transoms. This is an easy method and also a good way of cleaning surplus material from the units.
- Do not pass all units down from the platform above, the last few should be brought down by a gin wheel or another safe method.
- Never stand on the lift above without using units, first pass up boards for use as footing.
- When passing units to anyone, if there are defects in the unit let the person know in advance.
- When passing units to another person, do not push it harder than he is expecting it, and do not leave go of it until he has control of at least two thirds of it or he advises you to let go.
- Never throw a unit across transoms, this can damage it. Good practice is to slide it along.
- If units have a covering of ice or snow, do not turn them, take appropriate measures to remove the ice or snow.
- Close boarding should be standard practice unless advised otherwise, i.e. to allow for the passage of light or drainage of water; this spacing should not exceed 25mm or must not allow materials to fall through.
- Double boarding can be carried out on gantries, loading towers, stands and other structures as specified by the design office or main contractor.

## Care, storage, maintenance

Care in the safe use and storage of Supadek will ensure continued safe performance for maximum service life.

Maintenance entailing regular inspection and proof testing is necessary to ensure that units reaching the end of their service life and no longer safe for use are detected and removed from service.

The following recommendations for care in use, storage and maintenance are provided to assist users to maximise service life whilst maintaining required levels of safety.

### Avoid Damage

Supadek may be damaged and rendered unsafe by misuse. Some commonly observed examples of misuse that have resulted in reduced service life provide the basis for the following recommendations.

- Do not use Supadek over spans greater than those recommended.
- Do not drop Supadek from excessive heights.
- Do not drop heavy materials onto Supadek.
- Do not allow vehicles to drive over Supadek.
- Do not use as a sole plate.
- Do not use as shuttering, trench lining or work of a similar nature

Supadek that has been subjected to any of the above or other examples of misuse may be damaged and should be tested to verify continued use. Note that fractures resulting from overloading may not be readily apparent by inspection so proof testing may be the only means of detection.

## Chemical Effects

The Supadek unit has very good chemical resistance to commonly encountered solutions of salts, acids and alkalis. Supadek is resistant to alcohol, solvents and detergent solutions. Contact the manufacturer for advice on exposure to materials that require specialist handling or are not commonly encountered.

## Flammability

Supadek has been tested to perform to Class 1 Surface Spread of Flame – BS476 Part 7: 1997.

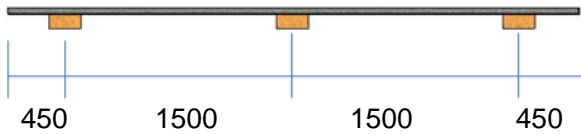
## Recycling

Supadek can be recycled and end product used again in the manufacturing process. Depending on local regulations the unit can be considered as common industrial waste and as such it can be buried in landfill approved for this category. The unit should not be disposed of by incinerator as it can cause damage to incinerators by the formation of a vitrified mass.

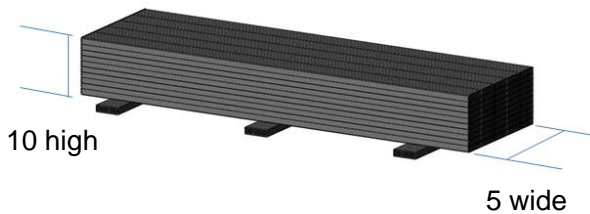
## Maintenance

Regular inspection and strength testing is recommended. The frequency of testing depends upon the nature of use. Further, any unit subject to trauma or showing any obvious signs of misuse should be withdrawn from use pending verification of strength by proof testing.

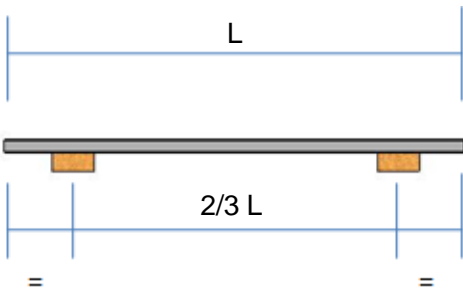
# Storage



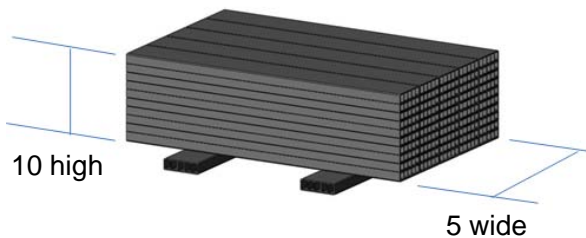
- 45mm Supadek should be stored on a minimum of 3 No. bearers on a suitable level surface.
- If off cuts are being used as bearers they should not be used for access.



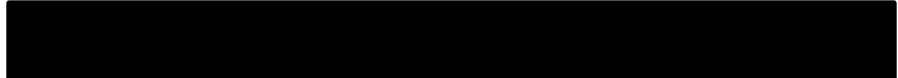
- 45mm Supadek should be stored in a maximum pack size of 50 No. Units
- 5 units wide x 10 units high
- Maximum number of packs in height should not exceed 6 No.



- 65mm Supadek should be stored on a minimum of 2 No. bearers on a suitable level surface.
- If off cuts are being used as bearers they should not be used for access.



- 65mm Supadek should be stored in a maximum pack size of 50 No. Units
- 5 units wide x 10 units high
- Maximum number of packs in height should not exceed 6 No.



## Ischebeck Titan Group

Founded in Germany over 120 years ago Ischebeck is renowned internationally for its aluminium formwork and false work systems, trench support systems and ground engineering products.

## Ischebeck Titan Ltd

The company operates from headquarters centrally located in the heart of the UK.



## Product Availability

Substantial stocks of equipment are available ex-stock from the company's strategically located 4-acre distribution site, with most main product lines available nationwide on a 48-hour delivery. Products are available for both hire and outright purchase.

## Technical Support

We will participate in concept stage development. Providing input on applications, production rates, budget design, programming and costings. Active for on site support and training. We can provide guidance on industry special European and national standards.



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