

*Cladding, overlapping ship-boarding with fibre cement boards = Top edge of each board is covered by the lower edge of the overlying plate*

Pre-conditions

Preparation

Self-inspection

Execution



Safety — Risk assessment

Work activity & Problem	P	C	Risk= P*C	Action
Overloading, straining injuries. The boards are heavy and difficult to screw into place	10	50	500	Use transport and lifting aids
Cluttered workplace= Twisting or fall injuries	3	70	210	Regular tidying
Sawing and Drilling	0,5	100	50	Use worktable

Probability = P  
Consequence = C  
Risk = P \* C

**Assessment of probability**  
 P = 0,1 Very unlikely (<1 times/10 years)  
 P = 1 Unlikely (1 times/10 years)  
 P = 3 Low probability (1 times/3 years)  
 P = 10 Relative probability (1 times/year)  
 P = 30 Probable (1 times/month)

**Assessment of consequences**  
 C=0,5 Trifle  
 C=1 Tiny ( 1 - 2 days sick leave)  
 C=5 Small ( 3 - 7 days sick leave)  
 C=15 Tactile ( 8 - 29 - " - )  
 C=70 Severe (30-299 - " - )  
 C=500 Very severe (>300 - " - )

*Text and images from the Working Environment Authority's brochure Safer Construction Work*

## Personal Protective Equipment § 71

Safety helmet and safety shoes should be used unless it is clearly unnecessary. Other personal protective equipment such as eye protection, hearing protection and gloves should be worn when necessary.

## First Aid § 31

First aid should be given. Staff who are trained to provide first aid should always be available. Facilities and first-aid equipment should be marked with signs.

There will also be signs with phone numbers, addresses and, if necessary a route description, for the local emergency services.

Provisions for first aid is also available in AFS 1999:7 "First aid and emergency support".

In one building the First Aid had been arranged in this way ----- >



## Equipment and materials

**Materials:**

- Studding timber
- Boards of fibre cement
- Stainless steel screw
- Plastic spacers

**Equipment:**

- Workbench with saw
- Drill
- Screwdrivers
- 4 clamps
- Stepladder
- Ruler
- Bag or cart for waste

*Note that the bench was raised in order that work could be performed at a comfortable height*

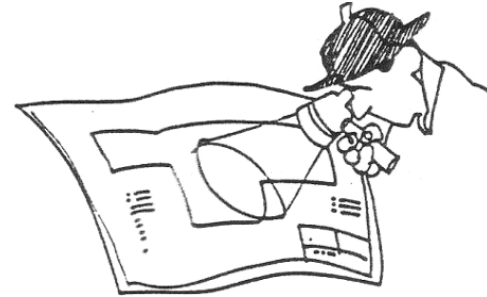


Self-inspection 1(2)  
Template & instructions

No	Check	Method or equipment	Frequency	Result	Date Signature	Deviation/Remedy Approval/Non-A
1	Framed studding	Right dimensions and spacing				
2	Noggins	Ocular				
3	Bonding/jointing on the supports or special support/jointing list	Ocular				
4						
5						
6						
7						
8						
9						
10						
11						

## Quality criteria for the project and the product

- Study Drawings, Specifications and Inspection planning
- Think through the alternative **methods of production** and handling of materials, tools etc. that can meet the requirements



### *Pay particular attention to*

- Attach the boarding, perform jointing and connections as described in the specification and from supplier's instructions
- Do not mount damaged boards



Boards are cut on the bench with the help of templates,



The boards are placed in stacks at the point of assembly.



Vertical studs mounted



Setting out of  
each board



On the lowest board is screwed a plastic distance piece with the same thickness as the boards to get the right angle for the shipboard



Each board is attached with a screw in each stud.

