



BAMTEC – Installation

BAMTEC Handling

- When discharging BAMTEC reinforcement carpets from a vehicle please ensure that carpets are choked by the use of chains or a set of slings which are provided.
- The carpets should be landed onto suitable terrain.
- Carpets which need to be laid in stacks should be separated by timbers to ensure that they can be easily choked for final discharge and also to reduce risk of damage to the carpets.
- For carpets 8m's long, a 2 leg chain or nylon strops should be used. For carpets longer than 8m's a carpet beam, 4 leg chain, or 4 nylon strops should be used.
- When ready for the final positional lift, the carpets should be lifted by use of the HY-TEN chains, ensuring that the hook is lifting at a tape/helix junction. On no account should the carpet be lifted by hooking onto the helix alone. This lift should only take place 100mm off the ground.
- When B1 carpets are being laid on the deck, please ensure that timbers are temporarily placed to take the initial load of the carpets. Once the carpets are rolled the timbers should be removed from underneath the reinforcement.
- Each mat's position is clearly marked on the plans provided and refers to the individual tags which are attached to each carpet.
- The red bar indicates the start of the mat and is the point at which the carpet should be rolled out from.
- The tric trac should be lined underneath the tape to prevent any dipping onto the deck.

BAMTEC Management

- To save crane time ensure that the bottom and top carpets are separated when discharged from the delivery truck, and if possible laid down with respect to the carpet layout, this will allow for a quicker and easier BAMTEC installation.
- If room for the separation of carpets is not available, colour coding can be used as a helpful guide to the crane driver and banks-men when searching for the required mat.
- **It must be taken into account that BAMTEC is crane intensive and should be managed with this factor in mind. On the day of installation the cranes' priority should be for the BAMTEC carpets. This will minimize the time required to lay the reinforcement and optimize speed.**
- Generally two men should be allocated to rolling out BAMTEC (three men for carpets > 1 tonne).
- While the BAMTEC carpets are being rolled out, all loose bar and chairs that are required on the deck should be fixed by the remaining steel fixers.
- All required loose bar, chairs and tric trac should already be transported onto the deck so as the crane is only concerned with the BAMTEC mats. Please take into account where the carpets will begin, so that they are not placed in a live area.