



**BRITISH
STEEL**

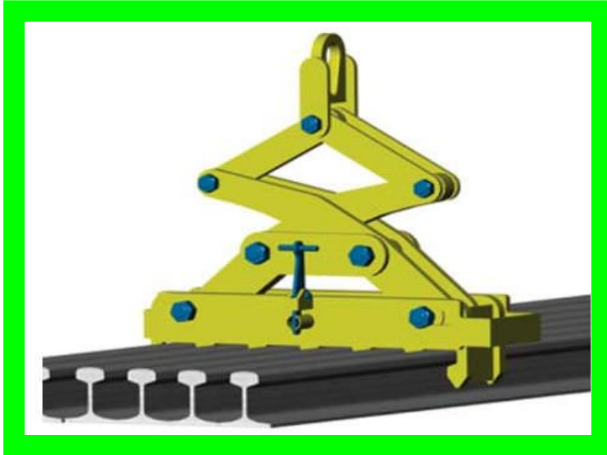
Coated rail

Lifting and handling guidelines

BUILDING **STRONGER** FUTURES

Good practice

Lifting



- Use multi lifting rail handling clamps to safely move the coated rails



- Use a lifting beam with rail clamps to lift and move single coated rails



Good practice

Lifting



- Lift not drag
- Lift using cranes or mobile plant

N.B lifting points should be further apart than shown to prevent excess rail bending



- Use correct rail lifting clamps

N.B lifting points should be further apart than shown to prevent excess rail bending

Bad practice when handling coated rails

Lifting



- Never lift coated rail in bundles



- Never lift using chains in contact with the rail



Good practice

Storage/Transport



- During transportation stack on wooden bearers to prevent impact damage



- Wooden bearers should be used for stacking to protect the coating sacrificial properties

Bad practice

Storage



- Do not use plain steel bearers when stacking coated rails. Galvanised steel bearers are acceptable if wooden bearers are unavailable



- Coated rails must not be positioned directly onto the floor as coating damage may occur.
- Coated rails should be positioned near to the top of the stack

Good practice

Moving rails trackside



- Use tandem lifting hoist system to prevent coating damage during rail movements



- Use wooden bearers to stand rail upon to protect coating

Bad practice

Moving rails trackside



- Do not drag rail into position
- The coating on the rail foot will be damaged



- Do not use steel wire 'choke' grip
- The coating on the rail foot tips will be damaged