

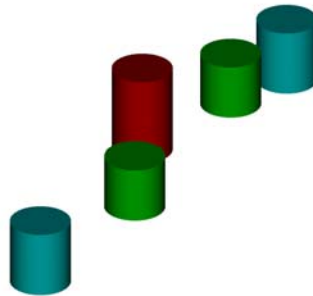


RSS PLAYMAKERS

INSTALLATION INSTRUCTIONS

RUBBER STEP BOLLARDS TB15 - ROSS ICE SHELF TB16 - GIANTS CAUSEWAY

CONFORMS TO BS EN1176



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PARTS LIST

ROSS ICE SHELF

CODE	QTY	DESCRIPTION	DETAIL
RYBL200	2	200mm RUBBER BOLLARD (RED)	1
RYBL300	2	300mm RUBBER BOLLARD (BLACK)	2
RYBL400	1	400mm RUBBER BOLLARD (RED)	3
803702	2	200mm BOLLARD FIX POST	
803703	2	300mm BOLLARD FIX POST	
803704	1	400mm BOLLARD FIX POST	
305802	5	FIX POST EXTENSION (bark installation only)	
	1	ADHESIVE	

GIANTS CAUSEWAY

CODE	QTY	DESCRIPTION	DETAIL
RYBL200	2	200mm RUBBER BOLLARD (RED)	1
RYBL300	4	300mm RUBBER BOLLARD (BLACK)	2
RYBL400	4	400mm RUBBER BOLLARD (RED)	3
RYBL500	2	500mm RUBBER BOLLARD (BLACK)	4
803702	2	200mm BOLLARD FIX POST	
803703	4	300mm BOLLARD FIX POST	
803704	4	400mm BOLLARD FIX POST	
803705	2	400mm BOLLARD FIX POST	
305802	12	FIX POST EXTENSION (bark installation only)	
	2	ADHESIVE	

HEALTH & SAFETY MATTERS

Ensure all persons working on this installation have undergone training in current Health & Safety & COSHH in relation to this equipment, and are wearing the appropriate Personal Protective Equipment required.

Tools required

5M tape measure, spirit level, glue applicator gun, gauntlet style rubber gloves.

Before you start

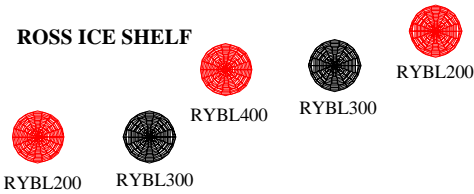
Inspect all parts for damage and finish, if any parts are missing these must be replaced before attempting the installation. Fence off the surrounding area and erect signs to warn the public of risk of injury.

Installation specification

LENGTH	WIDTH	Min Space 3.25 dia	PERSONS	CONC	MIX
variable	variable	Free height of fall	Min 1	0.09 CuM each, Min.	20 N/mm ² compressive strength 1 Part cement 2 Parts sand 4 Parts aggregate-20mm
		.250 - .550m	Weight of heaviest part		
		Impact area 3.25 dia	26Kg		

Min space & Impact area is for each bollard

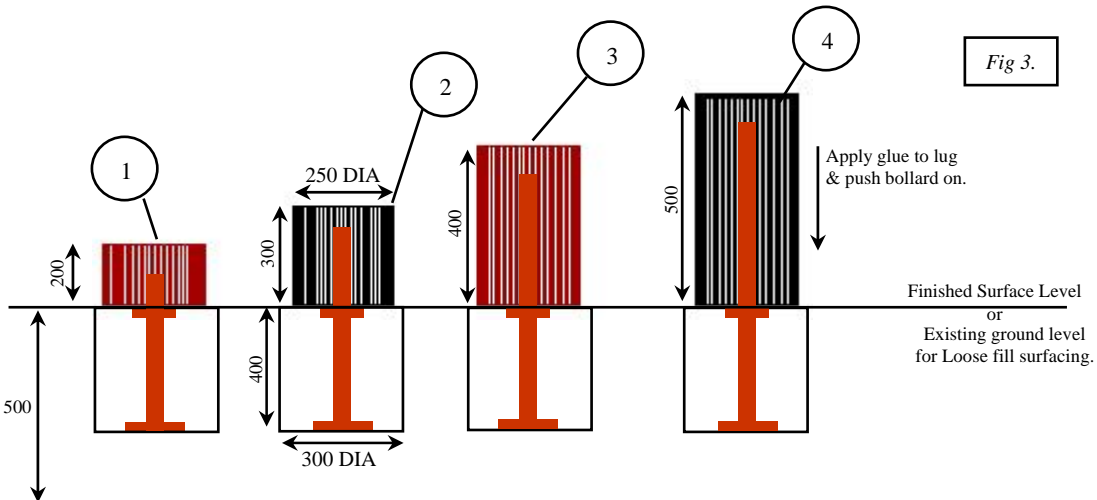
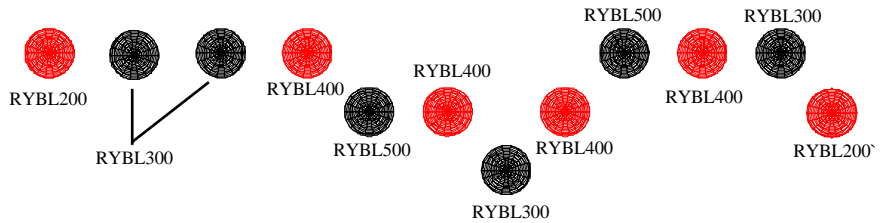
ROSS ICE SHELF



PLAN LAYOUTS

BOLLARDS MUST BE SPACED AT 500MM CENTRES AND PLACED SO THAT THE USER STEPS UP OR DOWN A MAXIMUM OF 150MM

GIANTS CAUSEWAY



INSTALLATION:

1. Excavate Bollard lug footing holes 300mm Dia x depth of lug, spaced at 500mm centres.
2. Place the post lugs in the footing holes so the top flange is level with the existing ground level, but not so it would become covered when concreting. SPT1 should be placed so 150mm only is above ground.

Note: For loose fill installation the Rubber bollards and posts are longer to cater for 300mm of loose fill, and the lug for SPT4 requires a 600mm depth footing hole.
3. Ensure the lugs are level and plumb and spaced 500mm apart.
4. Concrete the lugs, and remove air using a vibrating mechanical poker.
5. Allow 72 hours for concrete to cure, fix bollards to lugs by applying the glue to the post and sliding the bollard onto it until it sits on the top flange. **DO NOT LEAVE SITE UNTIL GLUE HAS SET.**
6. This unit must be maintained in accordance with our Inspection and Maintenance Schedule and BS EN1176 part 7.

TRAILBLAZER TB15 & 16 ROSS ICE SHELF AND GIANT'S CAUSEWAY

COMPONENT & REORDER CODES

ITEM CODE	STOCK CODE	DESCRIPTION	LENGTH [mm]	WEIGHT [kg]
RYBL200	RYBL200	200mm RUBBER BOLLARD (RED)	200	10.0
RYBL300	RYBL300	300mm RUBBER BOLLARD (BLACK)	300	10.0
RYBL400	RYBL400	400mm RUBBER BOLLARD (RED)	400	15.5
RYBL500	RYBL500	500mm RUBBER BOLLARD (BLACK)	500	19.0
803702	803702	200mm BOLLARD FIX POST		
803703	803703	300mm BOLLARD FIX POST		
803704	803704	400mm BOLLARD FIX POST		
803705	803705	500mm BOLLARD FIX POST		
PLBK1200	790-533	FIX POST EXTENSION (Bark installation only)		