RB22 BARRIER SYSTEM 1

Rugged water filled barrier for traffic and pedestrian delineation

Tests were carried out at MIRA wind speed tunnel 28th March conducted independently by David Wain, Wind tunnel manager.

RB22 BARRIER

ACCESSORIES

	RB22 BARRIER	RB22 PIN	RB22 ANGLE	RB22 STOP	RB22 PLATE
PRODUCT CODE	RB22SB	RB22SP	RB22ANG	RB22EN	RB22P
DIMMENSIONS (MM)	L2000 x H800 x D500	L800 x D76	L680 x H800 x D500	L680 x H800 x D500	L315 x H100 x D9
MAX ANGLE (DEG)	35 DEG		35 DEG	35 DEG	
MATERIAL	UV MDPE	GALV STEEL	UV MDPE	UV MDPE	GALV STEEL
FILL CAPACITY (L)	540L	-	155	155	
WEIGHT E / F (KG)	60 / 600 KG	4	12 / 167	12 / 167	1.7
COLOURS	RED/ WHITE/ CUSTOM	-	RED/ WHITE / CUSTOM	RED/ WHITE / CUSTOM	-
FILL / DRAIN HOLES (MM)	D95MM / D25MM	-	D95MM / D25MM	D95MM / D25MM	-
FORK CHANNELS	2 X 240MM X 90MM	-	-	-	-
NO PER PALLET	4 (OS)		12	12	
CERTIFICATION	BS EN 1317 – N1 W7	50MPH CRASH TEST	-	-	-
CONFIRMED WIND SPEED	MIRA 78 MPH				

NOTE:
System dimensions are approximated and taken up to the main panel height

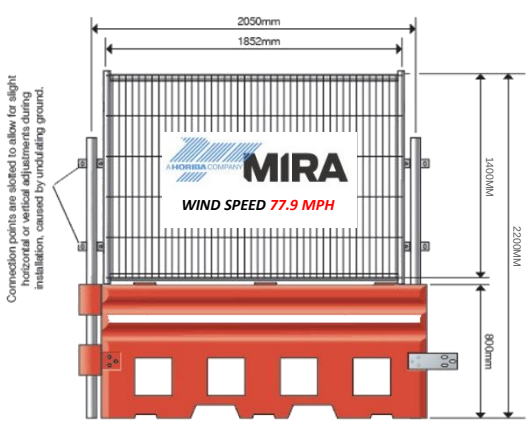
RB22 BARRIER SYSTEM 2

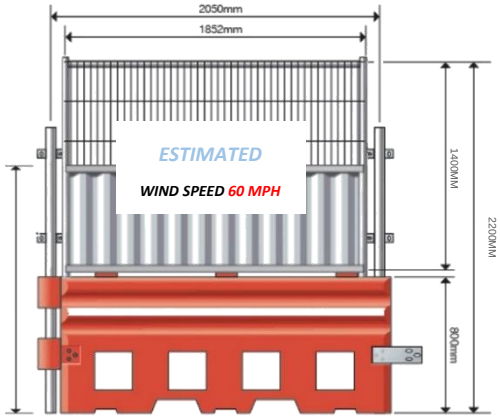
Rugged water filled barrier for traffic and pedestrian delineation

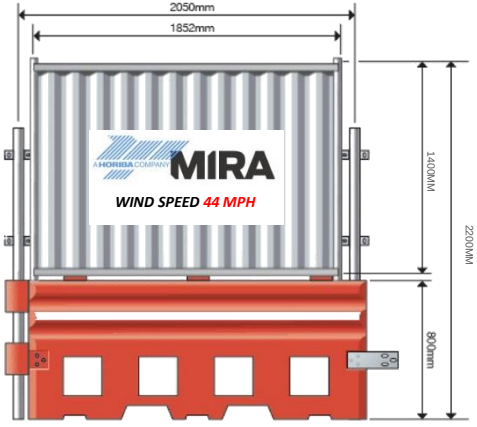
ACCESSORIES

	RB22 MESH	RB22 50 / 50	RB22 HOARDING
PRODUCT CODE	RB22FP	RB22HPWME	RBSHP
DIMMENSIONS (MM)	L1852 H1400 D40	L1852 H1400 D40	L1852 H1400 D40
MATERIAL	STEEL POWDER COAT	STEEL POWDER COAT	STEEL POWDER COAT
PANEL WEIGHT	8.7KG	17KG	25KG
POLE WEIGHT	10.2KG	10.2KG	10.2KG
COLOURS	WHITE	WHITE	WHITE
NO PER PALLET	25 (OS)	25 (OS)	25(OS)
CONFIRMED WIND SPEED	MIRA 77.9 MPH (not to failure)		MIRA 44 MPH (not to failure)

NOTE:
System dimensions are approximated and taken up to the main panel height







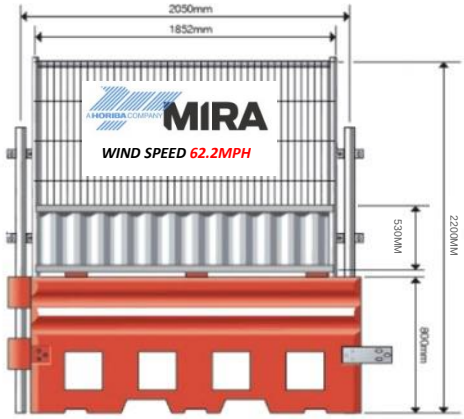
RB22 BARRIER SYSTEM 2

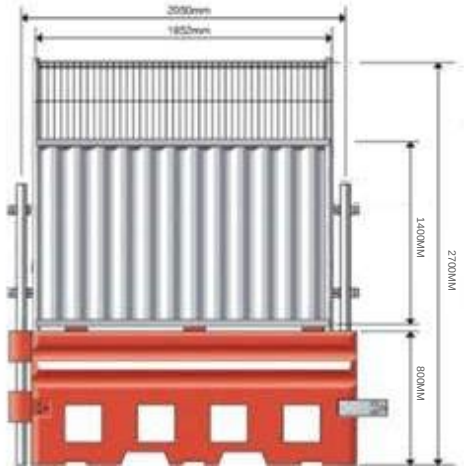
Rugged water filled barrier for traffic and pedestrian delineation

ACCESSORIES

	RB22 MESH 1/3	RB22 MESH 2/3	HOARDING EXTENSION
PRODUCT CODE		RB22H2/3M1/3	RB22FPE
DIMMENSIONS (MM)	L1852 H1600 D40	L1852 H1600 D40	L2700 H1900 D40
MATERIAL	STEEL POWDER COAT	STEEL POWDER COAT	STEEL POWDER COAT
PANEL WEIGHT	19.5KG	14KG	28KG
POLE WEIGHT	10.2KG	10.2KG	10.2KG
COLOURS	WHITE	WHITE	WHITE
NO PER PALLET	25 (OS)	25 (OS)	25 (OS)
CONFIRMED WIND SPEED	MIRA 52.4 MPH (not to failure)	MIRA 62.2MPH (not to failure)	

NOTE:
System dimensions are approximated and taken up to the main panel height





RB22 BARRIER SYSTEM 2

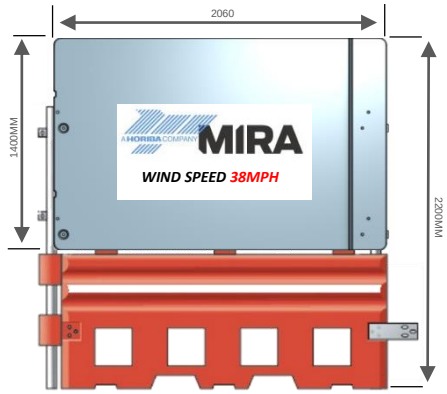
Rugged water filled barrier for traffic and pedestrian delineation

ACCESSORIES

PLASTIC HOARDING

UH/RB22
L2060 H1400 D102
UVMDPE
22KG
10.2KG
CUSTOM

MIRA 38 MPH



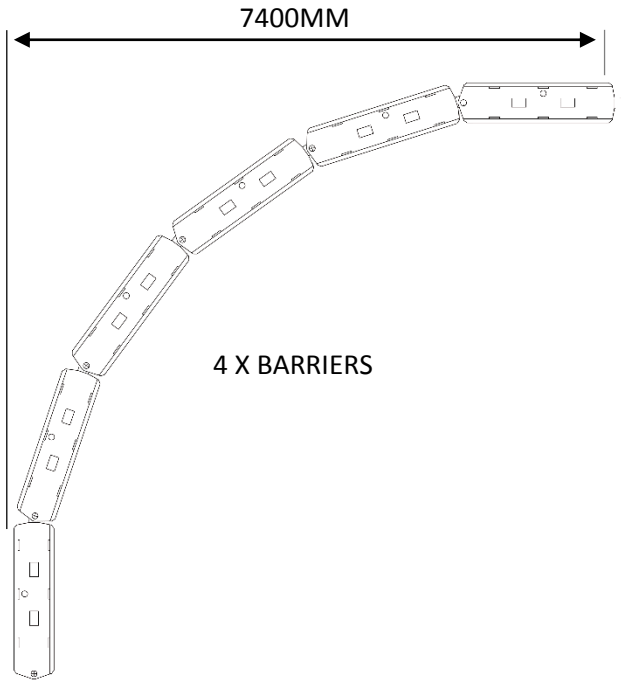
NOTE:
System dimensions are approximated and taken up to the main panel height

RB22 BARRIER SYSTEM 3

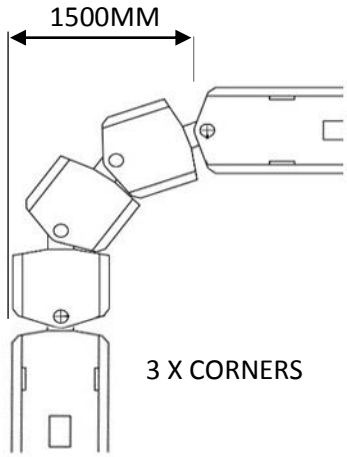
Rugged water filled barrier for traffic and pedestrian delineation

90 DEGREECORNER LAYOUT

RB22 BARRIER



RB22 ANGLE



NOTE:
System dimensions are approximated and taken up to the main panel height

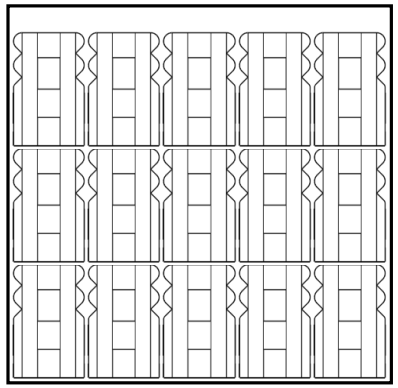
RB22 BARRIER SYSTEM 3

Rugged water filled barrier for traffic and pedestrian delineation

RB22 BARRIER STACKING

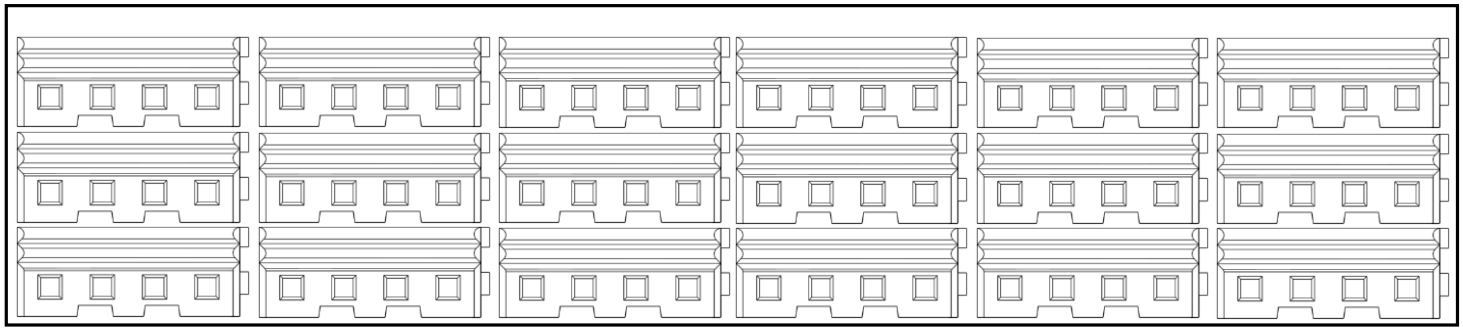
AS VIEWED FROM TRAILER REAR

LOAD FROM SIDE



1

AS VIEWED FROM TRAILER SIDE



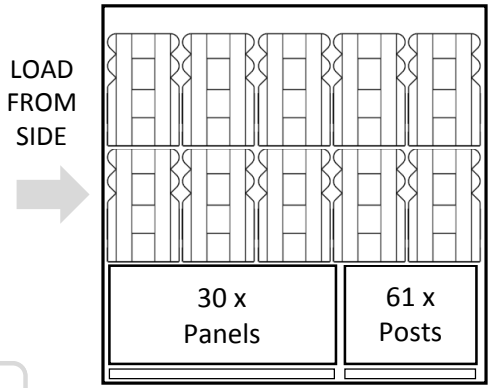
2

RB22 BARRIER SYSTEM 3

Rugged water filled barrier for traffic and pedestrian delineation

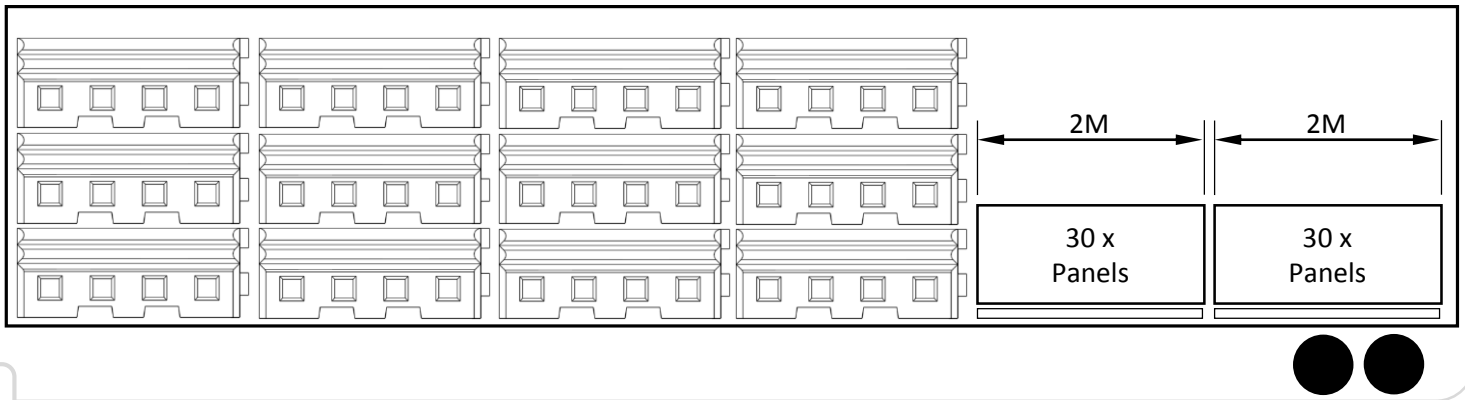
60 X RB22 BARRIER / PANEL STACKING

AS VIEWED FROM TRAILER REAR



1

AS VIEWED FROM TRAILER SIDE



2

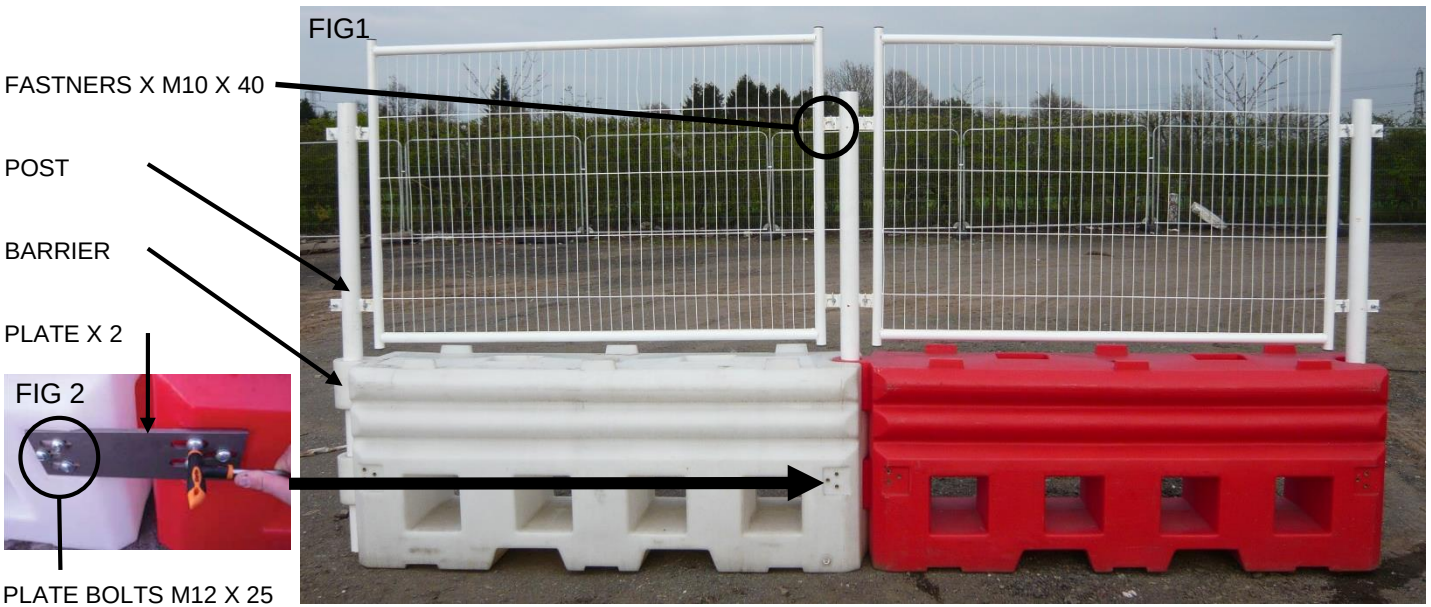
NOTE:
System dimensions are approximated and taken up to the main panel height

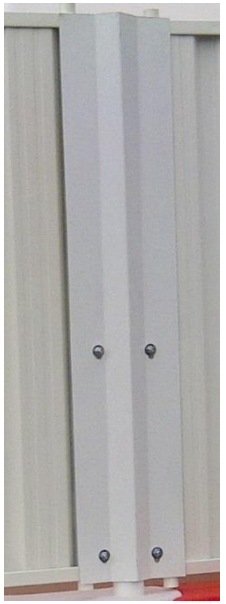
RB22 BARRIER SYSTEM 4

Rugged water filled barrier for traffic and pedestrian delineation

HOARDING & MESH ASSEMBLY

FIG1





FILL PANELS

ASSEMBLY PROCESS:

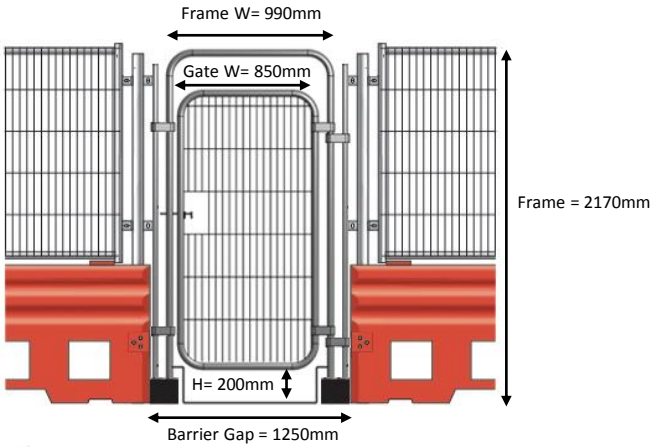
1. Push BARRIERS together tightly. (fig 1)
2. Insert POSTS into top holes and push down to ground, twisting of post or adjustment of barrier position may be needed if tight.
3. Fit PLATES in recesses on both sides of the barriers using 12 x M12 x 25mm bolts with washer. (fig 2)
4. Tighten using a 10mm Alan Key.
5. With 2 fitters, position the PANELS (hoarding or mesh) aligning the lugs.
6. Fasten POST and PANEL through lugs holes, using 4 x M10 x 40mm bolts, using 2 x 17mm spanners. ENSURE THAT 2 WASHERS ARE FITTED UNDER EACH NUT AND BOLT – TOTAL 4 WASHERS PER BOLT - TO SPREAD THE LOAD. WHERE USING FILL PANELS SECURE THEM IN PLACE USING THE BOLTS AT THIS POINT.

RB22 BARRIER SYSTEM 2

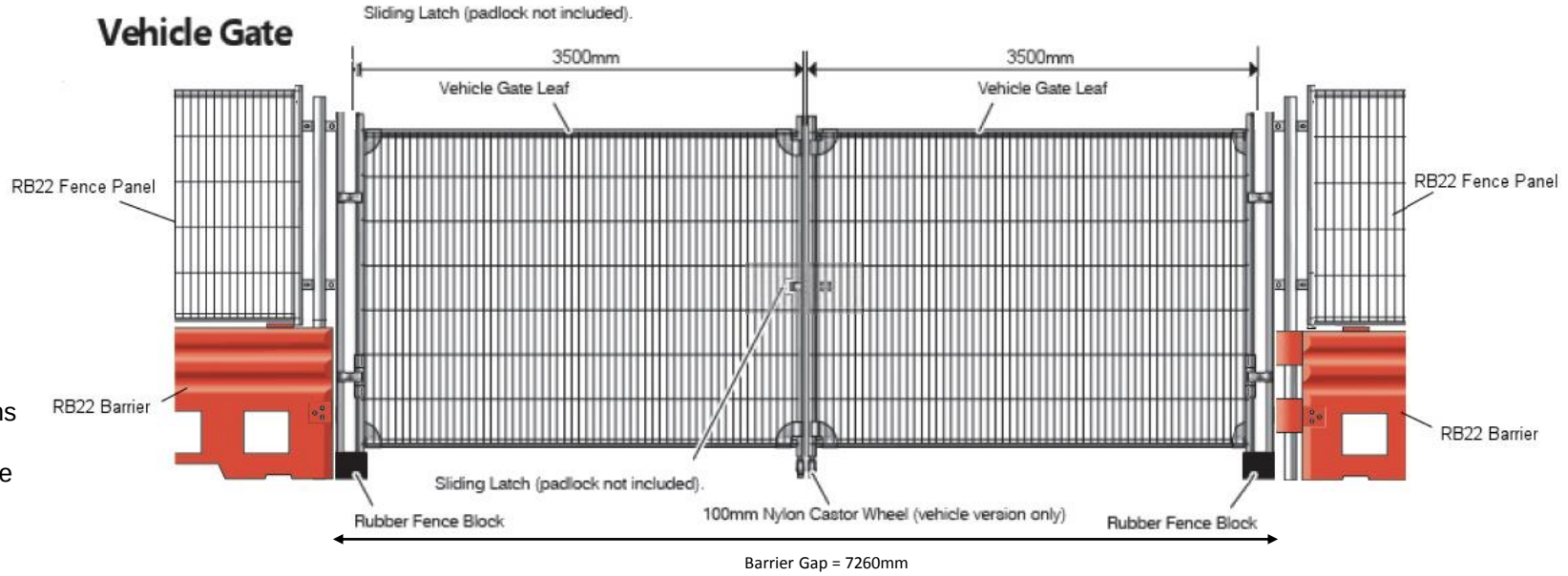
Rugged water filled barrier for traffic and pedestrian delineation

RB22 BARRIER AND GATES ASSEMBLY

Pedestrian Gate



Vehicle Gate



NOTE:
System dimensions are approximated and taken up to the main panel height

WARNING: FAILURE TO FOLLOW THESE GUIDLINES COULD RESULT IN INJURY OR DEATH

Oaklands Group always recommends that a site survey and a full risk assessment must be carried out before using the equipment.

It is the responsibility of the end user to make sure the system is suitable for their intended use. The system must be installed by an experienced and competent person and inspected regularly.

1. Tipping and sliding values, where provided, are as guide only and It is the customers responsibility to ensure the barrier and fencing system selected is suitable for their specific location.
2. The system should be installed on a flat, level surface.
3. Water ballast must be added to the correct level as indicated in the data sheet.
4. Water ballast level must be regularly checked and maintained to the fill level.
5. Connecting steel work and fencing systems must be regularly inspected for cracks of faults and replaced if faulty.
6. Connecting steel work fasteners must be regularly inspected for tightness.
7. In unsupported areas such as gates addition ballast may be required