

## BReco / BRv3 Retention Bund



### Document revision

Index	Date	Observations	Drafting	Revised	Approbation	Revised
0	20/09/2019	First Issue	JMA		PGO	
1	12/10/2021	Update	VVR		VVR	



# BR User Guide

## **I - SAFETY INSTRUCTIONS**

- Wear a safety helmet, gloves (Kevlar or leather) and safety shoes at all times when installing the equipment.
- The products might have hydrocarbons on them, so adequate personal protective equipment must be worn (impermeable gloves, overalls, safety glasses, safety helmet, safety boots) during maintenance work.
- Do not carry loads heavier than 55 kg (for men) or 25 kg (for women). For loads between 55 kg and 105 kg, ask for the help of a co-worker or use lifting equipment (Art. R4541-9 of the French Labour Code).
- Wear insulating personal protective equipment when grounding the equipment and make sure to shunt the grounding loops.
- Take care not to catch your fingers when removing and fitting the baffles (wear leather gloves).
- Remain at a safe distance from the lifting equipment during bund handling operations.
- Use gloves resistant to chemical products when you apply the gasket.

## **II - SYSTEM CONTENT**

- 1 welded containment bund
- 2 detachable facades (for standard bunds)
- Screws and nuts M6 (number depending of the bund size)
- 1 liquid-tight joint for the BR160 until BR800 or 2 for the BR1000 until BR3150.

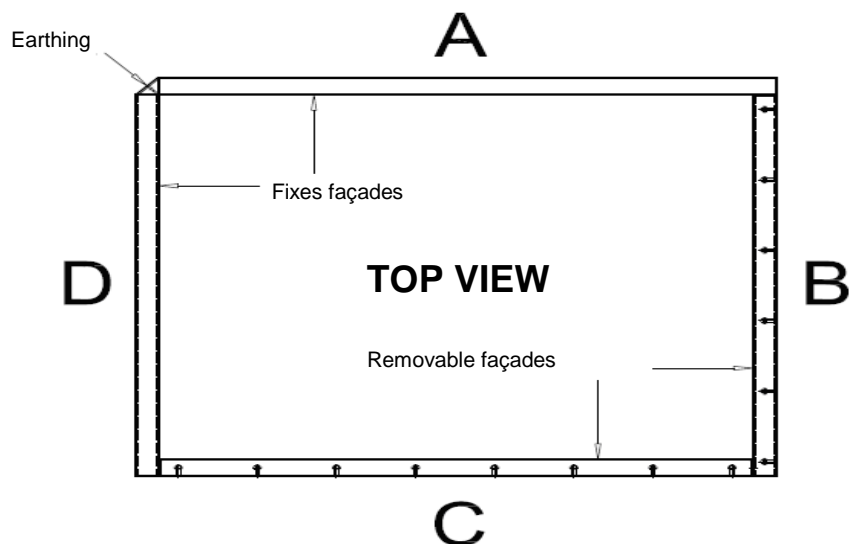
Make sure you have all the parts needed.

In case of parts missing please contact AKHELEC IMMEDIATELY either by telephone (+34 (0) 932 72 39 00) or by e-mail ([akhelec@akhelec.com](mailto:akhelec@akhelec.com)) to report the missing or damaged parts.

Without any reservation expressed the delivery is considered to be complete both in quantities and condition of the parts. The party receiving the goods will be responsible in case of non-signature for the goods without clear cause.

## III - INSTALLATION OF EQUIPMENT

Openings on length and width sides



*Our bunds are delivered as standard with opening on B and C sides.*

1. Place the containment bund on the floor.
2. Unscrew the removable façades.
3. Place with caution the transformer in the bund and center it.
4. Put a liquid-tight joint of thickness 6 mm on each side that will receive a detachable façades.
5. Lift slightly the bottom of the bund to insert the screws (using a screwdriver if needed).
6. Put in place the removable façades.
7. Insert the screws on the 3 corners of the bund. Fasten all the nuts.
8. Spread the overflow of joint in all internal corners to improve the water tightness.

Earthing of equipment: (Supply and installation at the expense of the installer)

Connect all tanks to earth using braids or cables, the sections of which are defined by the end customer requirement.



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### **IV - SERVICE AND MAINTENANCE**

Regular maintenance must be carried out on the equipment to ensure it is neither damaged nor soiled (visual inspection, standard checks, etc...). We recommend an annual inspection. We can propose to carry out these regular checks. Please contact AKHELEC : [akhelec@akhelec.com](mailto:akhelec@akhelec.com)

### **V - PRECAUTIONS AND RESTRICTIONS IN USE**

- Only use the BR with the transformer for which it was sold.
- Do not use the BR for retaining fluids that were not considered at the time of purchase.
- Install the BR containment tank on a flat and clear surface.
- Do not cover when in use. Make sure that the BR bund's surface is clear to allow oil to flow freely into it.
- Do not grind (using disk grinders, etc.) or saw metal parts near the BR unless it is properly protected. Iron dust deposited on the bunds would oxidize and cause rusting.
- When handling the BR containment bund, be sure to avoid impacts causing potential damage to the coating (risk of rust spot generation).
- Pending installation, the bund must be stored in a sheltered storage area (or covered with a tarp).

### **VI - IN CASE OF AN INCIDENT**

In case of an incident, the equipment must be replaced or cleaned as follows:

1. Have the bund drained and cleaned by a specialised company
2. Dismount all removable façades and take away all traces of joint.
3. Make sure to remove all traces of oil from the bund.
4. Reinstall all the equipment with new joints.