

CIRTEX GABIONS

Double Twist Mesh Gabions

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Bezinal® 2000 90% Zinc + 10% Al. / PVC Gabions and Mattresses

Cirtex Gabions gabions and mattresses are available with the BEZINAL 2000 90% Zinc + 10% Aluminium coated wire, the new generation long life alloy coating offering double the protection than the commonly available 95% Zinc + 5% AL coating systems.

Cirtex Gabions PVC gabions and mattresses manufactured using the BEZINAL 2000 90% Zinc + 10% Aluminium plus PVC wire and are ideally suited to more demanding environments.

Cirtex Gabions double twist woven mesh gabions are ideal for accommodating differential settlement, and will not unravel or unzip when exposed to extreme loads or when wires within the mesh are cut or damaged.

| GABIONS: Bezinal 2000 + PVC Coating : Double Twist Hexagonal Mesh | | | | |
|---|------------------------------|---------------|--------------|--------------|
| Mesh Type | 80 x 100mm | | | |
| Mesh Wire Diameter | 2.70 mm + PVC | | | |
| Selvedge Wire Diameter | 3.40 mm + PVC | | | |
| Lacing Wire Diameter | 2.20 mm + PVC | | | |
| Tensile Strength Range | 40-50 Kg/mm ² | | | |
| Wire Coating | Zn+10%Al + PVC - EN 10223-3 | | | |
| | PVC 0.40mm nominal thickness | | | |
| MATTRESSES : Bezinal 2000 + PVC Coating : Double Twist Hexagonal Mesh | | | | |
| Mesh Type | 60 x 80mm | | | |
| Mesh Wire Diameter | 2.20 mm + PVC | | | |
| Selvedge Wire Diameter | 2.70 mm + PVC | | | |
| Lacing Wire Diameter | 2.20 mm + PVC | | | |
| Tensile Strength Range | 40-50 Kg/mm ² | | | |
| Wire Coating | Zn+10%Al + PVC - EN 10223-3 | | | |
| | PVC 0.40mm nominal thickness | | | |
| SIZES | | | | |
| Gabions | 2 x 1 x 1m | 1 x 1 x 1m | 1.5 x 1 x 1m | 2 x 1 x 0.5m |
| Mattresses | 6 x 2 x 0.3m | 6 x 2 x 0.23m | | |

Notes:

- Materials in the manufacture of Cirtex Gabions products comply with ASTM/EN standards.
- The fabrication/tolerances of Cirtex Gabions products comply with ASTM/EN standards.

Wire:

The wire used in the manufacture of mesh and mooring operations and bracing during the on-site installation must be of annealing mild steel according to the specifications NBR 8964, NB 709-15 y EN 10223-3, a load breakage medium of 40 to 50 kg/mm² and an elongation not less than 12%.

Assembly Consumables:

- Lacing wire coating type to match gabion/mattress.
- Pre-formed internal brace wires available to match gabion.

50mm stainless steel 'C' ring gun (pneumatic and manual) available for hire as an alternative method to lacing the gabion/mattress margins and diaphragms. Typically allow 90 "C" rings for 2x1x1m gabion and 80 "C" rings for 6 x 2 x 0.3m mattress. Maximum "C" ring spacing 100mm.

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