

Specification of Filter Point Type ACEFormer

1. The specification of fabric for ACEFormer

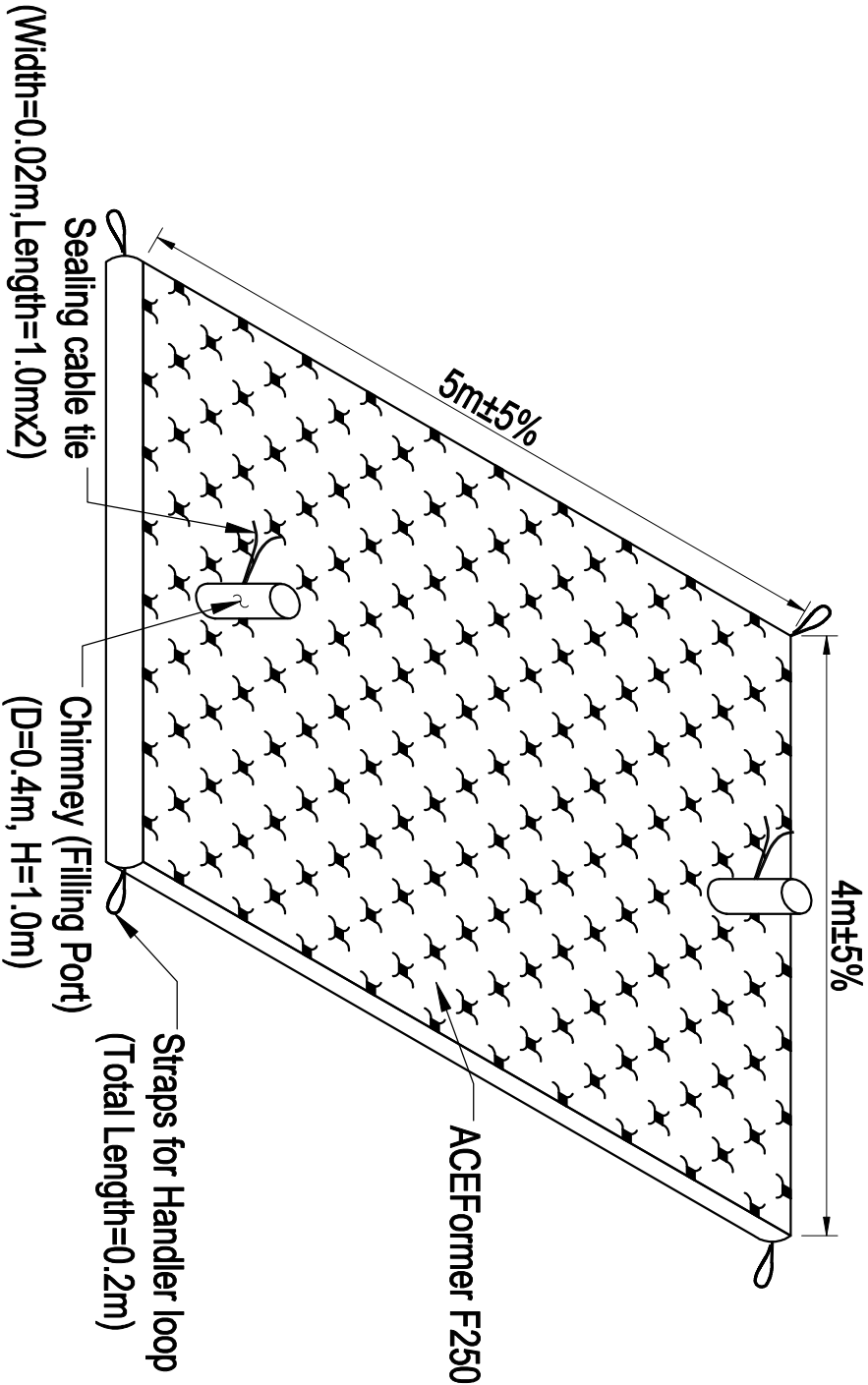
| Item             | Unit             | Value    |      | Test Standard |
|------------------|------------------|----------|------|---------------|
|                  |                  | MD       | CD   |               |
| Material         |                  | PET / PP |      | Burning       |
| Tensile Strength | kN/m             | ≥ 50     | ≥ 50 | ASTM D4595    |
| Elongation       | %                | ≤ 15     | ≤ 20 | ASTM D4595    |
| Permittivity     | 1/sec            | ≥ 0.25   |      | ASTM D4491    |
| AOS              | mm               | ≤ 0.425  |      | ASTM D4751    |
| Weight           | g/m <sup>2</sup> | ≥ 400    |      | ASTM D5261    |
| Width            | m                | ≥ 4.2    |      |               |

Noted: The values given are indicative and correspond to a average results attained in our laboratories and in testing institutes. The right is reserved to make changes without notice.

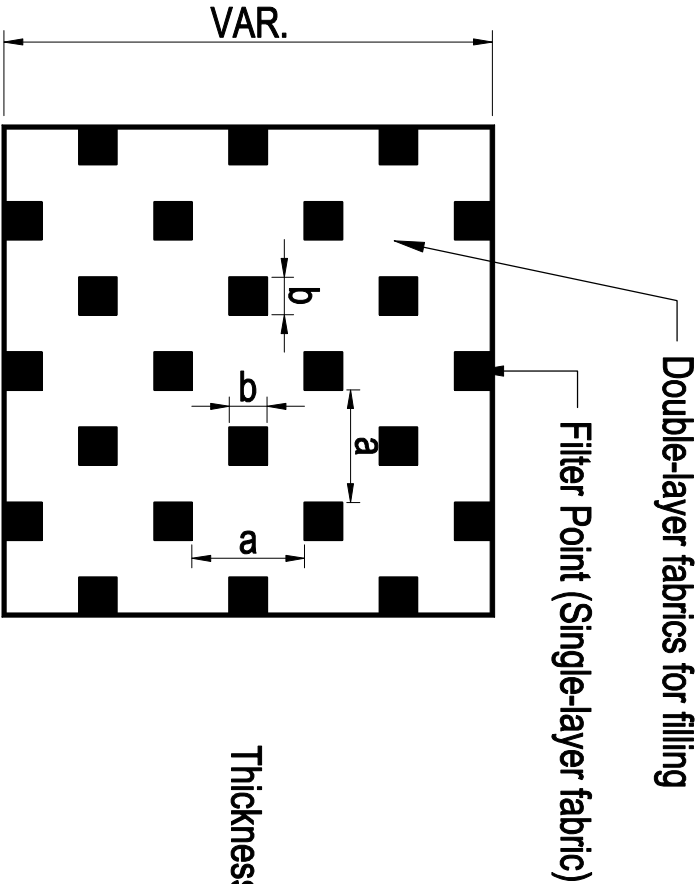
2. Dimension of Filter Point Type ACEFormer

|                                           |      |      |
|-------------------------------------------|------|------|
| Dimension                                 | Unit | F250 |
| Highest Thickness after filling (approx.) | mm   | 250  |
| Filter Point Spacing, a (± 5%)            | cm   | 55   |
| Width per Filter Point, b (± 5%)          | cm   | 8    |

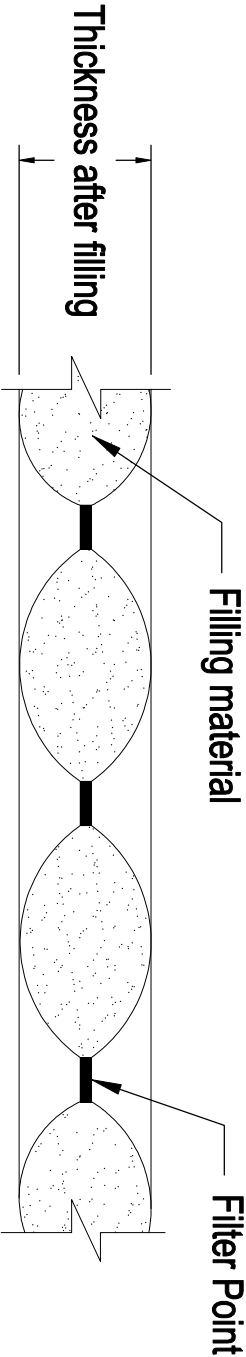
Noted: "a" and "b" show on the plane drawing.



3D Drawing - Ballast Mattress



Plane Drawing - ACEFormer F250



Cross Section Drawing - ACEForemr F250

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|                                                                                                        |           |  |                |  |             |  |             |  |       |  |                      |  |
|--------------------------------------------------------------------------------------------------------|-----------|--|----------------|--|-------------|--|-------------|--|-------|--|----------------------|--|
| <br>Global Synthetics | REVISION: |  | DRAWING TITLE: |  | PROJECT:    |  | DRAWN BY:   |  | DATE: |  | DRAWING SIZE:        |  |
|                                                                                                        |           |  |                |  |             |  |             |  |       |  |                      |  |
|                                                                                                        |           |  |                |  |             |  |             |  |       |  |                      |  |
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|                                                                                                        |           |  |                |  |             |  |             |  |       |  |                      |  |
|                                                                                                        |           |  |                |  |             |  |             |  |       |  |                      |  |
| ACEFormer F250(W4m, L5m)<br>- Ballast Mattress -                                                       |           |  |                |  | DRAWING NO: |  | CHECKED BY: |  | DATE: |  | DO NOT SCALE DRAWING |  |
|                                                                                                        |           |  |                |  |             |  | REVISED BY: |  | DATE: |  |                      |  |
| A:                                                                                                     |           |  |                |  |             |  |             |  |       |  |                      |  |