1. Description
20 mm HDPE punched cuspated drainage board.

2. Applications
GEOfabrics’ CP20 has been designed to provide an irrigation and drainage system for greenroofs.

3. Features
- Optimised for maximum strength and performance
- UV stabilised
- High crush resistance
- Excellent flow rate
- Also available in sheet format for ease of installation

4. Mechanical Properties
- Compressive Strength: EN ISO 25619-2, kPa
  - Mean: 115
- Tensile strength (MD/CMD): EN ISO 10319, kN/m
  - Mean: 9 / 5
- Tensile elongation (MD/CMD): %
  - Mean: 40

5. Hydraulic Properties
- Perforations per m²: EN ISO 11058
  - Mean: 49
- Perforation diameter: mm
  - Mean: 10
- Water storage capacity: l/m²
  - Mean: 2
- Water permeability $v_{(rigid/ rigid)}$: $l/(m²·s)$
  - $i = 1$: 24
  - $i = 0.5$: 10.0
  - $i = 0.1$: 9.0
- In plane flow capacity (rigid/rigid): $l/(m·s)$
  - @ 20kPa: 10.0
  - @ 100kPa: 9.0
  - @ 200kPa: 5.0

6. Physical Properties
- Thickness @ 2kPa (Nominal): EN ISO 9863-1, mm
  - Mean: 20
- Standard colour: Black
- Polymer: HDPE

Notes:
a) Mean values indicate the arithmetic mean derived from the samples taken for any one test as defined in the standard – usually an overall mean of five samples. Mean values are subject to tolerances based on 95% confidence limits as published on the product CE declaration of performance.

7. Testing
All materials are tested every 6000m² in an UKAS accredited ISO 17025 laboratory to all mechanical properties prior to release.

8. Storage
The geocomposites are supplied in packaging designed to protect the product from damage during handling, storage and degradation as a result of UV exposure. The product should be kept in appropriate packaging until such time that it is required for installation. The product is clearly and indelibly marked with the product name along the edge of the roll at regular intervals no greater than 5m. The packaging is labelled clearly to identify the product supplied in accordance with EN ISO 10320: Geotextile and Geotextile related products – Identification on site. Use slings where provided. Product weights are given on roll tickets. Use equipment appropriate to weight and dimension. Store and handle in accordance with good occupational hygiene and safety practice.

9. Dimensions

<table>
<thead>
<tr>
<th>Unit</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard roll length</td>
<td>m</td>
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<tr>
<td>Standard roll width</td>
<td>m</td>
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<tr>
<td>Approximate roll weight</td>
<td>Kg</td>
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<tr>
<td>Standard sheet length</td>
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GEOfabrics Limited, Skelton Grange Road, Stourton, Leeds LS10 1RZ, United Kingdom

☎ 0113 202 5678  ⌨️ info@geofabrics.com  🌐 www.geofabrics.com