1. **Unique identification code of the product type:**
   - Concrete Canvas (CC)
     - CC5
     - CC8
     - CC13
   - CC Hydro (CCH):
     - CCH5
     - CCH8

2. **Intended use:**
   - The products are for use as erosion control (CC) and containment (CCH) applications such as:
     - Channel Lining
     - Slope Protection
     - Bund Lining
     - Remediation
     - Culvert Lining
     - Weed Suppression
     - Lagoon Lining.
   - Concrete Canvas is intended for use in erosion control applications such as channel lining, slope protection, bund lining, remediation for existing concrete structures affected by environmental degradation and cracking, and culvert lining. The product acts as an effective weed suppressant and provides additional impermeability.
   - CC Hydro is intended for use as a combined impermeable liner and protection layer for containment applications, such as secondary containment bund lining, channel lining, lagoon lining, and other containment applications such as new-build or remediation of existing infrastructure.

3. **Manufacturer:**
   - Address: Concrete Canvas Ltd Unit 3, Block A22, Severn Road, Treforest Industrial Estate, Pontypridd. CF37 5SP
   - Tel: +44 (0)345 680 1908
   - Website: www.concretecanvas.com

4. **Authorised representative:**
   - N/A

5. **System/s of AVCP:**
   - For the products covered by this EAD the applicable European legal act is: Decision 96/581/EC. The system is: 2+

6. **European Technical Assessment Document:**
   - EAD 080009-00-0301
     - European Technical Assessment: ETA-19/0086
     - Technical Assessment Body: British Board of Agrément
     - Notified Body: 0836
### 7. Declared performance: Concrete Canvas & CC Hydro

#### Essential Characteristic
- **Mechanical Resistance and Stability**
  - **Thickness (uncured)**: mm
    - EN 1849-2: >4.5, >7.5, >12.5, >5.0, >8.5
  - **Mass per Unit Area (uncured)**: kg/m²
    - EN 1849-2: 7, 12, 19, 8, 13
  - **Density (uncured)**: kg/m³
    - EN 1849-2: 1500, 1500, 1500, 1500, 1500
  - **Initial Flexural Strength**: MPa
    - ASTM D8058: 4.0, 4.0, 4.0, 4.0, 4.0
  - **Final Flexural Strength**: MPa
    - ASTM D8058: 10.0, 6.0, 6.0, 13.0, 13.0

#### Static Puncture Resistance
- **- Puncture Force**: kN
  - EN ISO 12236: 2.0, 4.0, 4.0, 3.5, 4.5
- **- Puncture Displacement**: mm
  - EN 13433: 34.4, 43.4, 5.35, 32.7, 35.10

#### Dynamic Puncture Resistance
- **Depth of Perforation**: mm
  - EN ISO 13433: 0, 0, 0, 0, 0

#### Pyramid Puncture Resistance
- **-  Method D**: kN
  - EN 14574: 4.0, 7.0, 12.5, 7.5, 10.0

#### Strength of Internal Linking Fibres
- **-  Method A**: kN/m
  - EN ISO 13426-2: 4.0, 4.5, 5.0, 4.0, 4.5

#### Safety and Accessibility in Use
- **Resistance to Chemicals**: Retained Initial Flexural Strength
  - **- Method A**: %
    - Acid (10% solution H₂SO₄): NPD, NPD, NPD, 79, 85
  - **- Method B**: %
    - Alkaline (saturated suspension Ca(OH)₂): NPD, NPD, NPD, 132, 138
  - **- Method C**: %
    - Solution & Sealing (35% vol diesel, 35% vol paraffin, 30% vol lubricating oil HD30): NPD, NPD, NPD, 128, 110
  - **- Method D**: %
    - Synthetic Leachate: NPD, NPD, NPD, 133, 129

#### Durability
- **- Weathering (UV) Resistance**: %
  - EN 12224: 72.4
  - EN 12225: 108, 137
  - Leaching by hot (de-ionized) water: %
  - EN 14415: 84, 125
  - Leaching by organic alcohols (30% vol methanol, 30% vol isopropanol, 40% vol glycol): %
  - EN 14575: 99, 110
  - **- Thermal Ageing**: %
    - EN 14575: 71, 66

#### Sustainable Use Of Natural Resources
- **Abrasion Resistance**: Cementitious Barrier Abrasion Depth of Wear (mm/1000 cycles)
  - ASTM C1353: 0.2
- **Freeze - Thaw - Retained Initial Flexural Strength**: %
  - EN 12467: 101
- **Water Permeability**: m/s
  - EN 14150: NPD, NPD, NPD, 1 x 10⁻¹¹
- **Gas Permeability**: cm³/cm²·s·Pa
  - ASTM D1434: NPD, NPD, NPD, 5 x 10⁻¹²

*NPD = No Performance Data*

The performance of the product identified above is in conformity with the set of declared performance(s). This declaration of performance is issued, in accordance with Regulations (EU) No 305/2011.

Signature:

Marcin Kujawski
Manager
Quality and Research
Concrete Canvas Ltd