



DECLARATION OF PERFORMANCE

No: 0338-CPR-0040-2013

**Terram 1C1**

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| Harmonised technical specification                        | Intended uses |
|-----------------------------------------------------------|---------------|
| EN 13252: 20010:/A1:2005 Geotextiles for drainage systems | f/f+S/d       |

| Essential characteristics                   | Performance                                                                                 |
|---------------------------------------------|---------------------------------------------------------------------------------------------|
| Tensile Strength                            | EN ISO 10319 MD 20.0kN/m (-2.0kN/m) CMD 20.0kN/m (-2.0kN/m)                                 |
| Tensile Elongation                          | EN ISO 10319 MD 35% (±15%) CMD 35% (±15%)                                                   |
| Dynamic Perforation                         | EN ISO 13433 38mm (+5mm)                                                                    |
| Resistance to static puncture               | EN ISO 12236 3.3kN (-0.33kN)                                                                |
| Opening size                                | EN ISO 12956 75µm (± 20µm)                                                                  |
| Water Permeability                          | EN ISO 11058 50.10 <sup>-3</sup> m/s (-15.10 <sup>-3</sup> m/s)                             |
| In-plane water flow capacity (soft platens) | EN ISO 12958 85.10 <sup>-5</sup> m <sup>2</sup> /s (-15.10 <sup>-5</sup> m <sup>2</sup> /s) |
| Dangerous Substances                        | Less than required by national regulations within EU member states                          |

Note: Testing on Dynamic perforation/Opening Size and Water Permeability is performed on the Geotextile fabric prior to lamination and is based on a single geotextile .

**Durability**

To be covered within 2 weeks after installation  
Predicted to be durable for more that 25 years for non-reinforcing applications in soils with a range pH 1 -14 and soil temperatures <25°C as referenced within Durability Assessment report 1

**System: 2+**

In case of the declaration of performance concerning a construction product covered by a harmonised standard: Notified factory production control certification body No. 0338 BTTG performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of the factory production control.

**Authorised Representative:** Andrew Leech—Innovation and Technical Director