

# Ekotex 06 (700)

## Declaration of Performance 1035-CPR-ES033858B



1. Product Name:

Unique identification code of the product-type:

**Ekotex 06 (700)**

2. Product Type:

Number allowing identification of the construction product as required under Article 11(4) of the CPR:

**Nonwoven geotextile made from 100% polypropylene fibres joined by a needled process and a later thermofixation**

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

**for roads & other trafficked areas  
for earthworks  
for foundations  
for tunnels and underground structures  
for railways  
for drainage systems  
for erosion control  
for reservoir and dams  
for canals  
for solid waste  
for liquid waste**

Intended functions: **Reinforcement (R), Filtration (F), Drainage (D), Separation (S)**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

**Geosynthetics Limited  
Fleming Road, Harrowbrook Industrial Estate  
Hinckley, Leicestershire, LE10 3DU  
United Kingdom  
Tel +44 (0) 1455 617139  
Fax +44 (0) 1455 617140  
sales@geosyn.co.uk**

5. Where applicable, name and **contact address** of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**Geosynthetics Limited  
Fleming Road, Harrowbrook Industrial Estate  
Hinckley, Leicestershire, LE10 3DU  
United Kingdom  
Tel +44 (0) 1455 617139  
Fax +44 (0) 1455 617140  
sales@geosyn.co.uk**

6. AVCP:

System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V:  
**System 2+**

7. Notified body:

**1035**

In case of the declaration of performance (DoP) concerning a construction product covered by the harmonized standards:

**EN 13249:2001 ; EN 13249:2001/A1:2005; EN 13250:2001 ; EN 13250:2001/A1:2005; EN 13251:2001;  
EN 13251:2001/A1:2005; EN 13252:2001/A1:2005; EN 13252:2001/Erratum:2002;EN 13253:2001; EN 13253:2001/A1:2005; EN  
13254:2001; EN 13254:2001/A1:2005; EN 13254/AC:2003; EN 13255:2001; EN 13255:2001/A1:2005; EN 13255:2001/AC:2003 ; EN  
13256:2001; EN 13256:2001/A1:2005; EN 13256:2001/AC:2003; EN 13257:2001; EN 13257:2001/A1:2005; EN 13257:2001/AC:2003; EN  
13265:2001; EN 13265:2001/A1:2005; EN 13265:2001/AC:2003**

Notified certification body Bureau Veritas Certificaci3n, SA (identification no. 1035) performed the initial inspection of the manufacturing plant and of factory production control (FPC) and the continuous surveillance, assessment and evaluation of FPC and issued the certificate of conformity of the factory production control (1035-CPD-ES033858-A).



**Geosynthetics**

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### 8. Declared performance:

Essential characteristics		Performance		Test standard
		Mean Value	Tolerance	
Tensile Strength Tmax	MD	6 kN/m	-0.78 kN/m	EN ISO 10319
Tensile Strength Tmax	CMD	6 kN/m	-0.78 kN/m	EN ISO 10319
Elongation εmax	MD	60%	±2.08%	EN ISO 10319
Elongation εmax	CMD	60%	±8.05%	EN ISO 10319
Dynamic Perforation Resistance		39mm	+7	EN ISO 13433
Static Puncture Resistance (CBR)		1.05 kN	-0.02	EN ISO 12236
Characteristic Opening Size		75µm	±23	EN ISO 12956
Water flow rate q <sub>N</sub>		120 l/(m <sup>2</sup> s)	-36 l/(m <sup>2</sup> s)	EN ISO 11058
Flow capacity in the plane Gradient q20/1.0		3.41*10 <sup>-6</sup> m <sup>2</sup> /s	-30%	EN ISO 12958
Flow capacity in the plane Gradient q200/1.0		1.25*10 <sup>-6</sup> m <sup>2</sup> /s	-30%	EN ISO 12958
Thickness under 2 kPa		0.9mm	±36.7%	EN ISO 9863/1
Durability		To be covered on the date of installation for reinforcement and within 3 months for other applications. Avoid contact with other geotextiles as this can cause damage or modification.		EN ISO 12224
Oxidation resistance		Predicted to be durable for a minimum of 100 years in natural soil with 4<pH<9 and soil temperature <25°C		EN ISO 13438

### 9. Declaration:

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Geosynthetics Factory Code 8413702

