

# CCI NEOPROOF GEO

## Non-Woven Geotextile

### Description

CCI Neoproof Geo is made up of polyester fibres. The fibres are needed to form a network that retains dimensional stability relative to each other. The filter fabric is resistant to chemicals and microorganisms normally found in soils. They are stable within a pH range of 2 to 13 and resistant to short-term exposure to ultraviolet radiation.

### Typical Properties

S. No.	Properties	Unit	Test Method	Specification
1	Material	-	-	100% Polyester
2	Tensile Strength	kN/m	ASTM D4595	5
3	Elongation	%	ASTM D4595	> 50
4	Grab Strength	N	ASTM D4632	310
5	Grab Elongation	%	ASTM D4632	> 60
6	Trapezoidal Tear strength	N	ASTM D4533	130
7	Static Puncture Strength (CBR)	N	ASTM D6241	1200
8	Water Flow Rate	L/m <sup>2</sup> /sec	ASTM D4491	70
9	Apparent Opening Size (APS)	micron	ASTM D4751	150
10	Thickness	mm	ASTM D5199	1.1
11	Mass/Unit Area	g/m <sup>2</sup>	ASTM D5261	150

### Shelf Life & Storage

36 months from the date of manufacturing when stored in unopened, original sealed and dry condition at a temperature range from +5°C to 40°C.

### Packaging

200 m<sup>2</sup> Roll.

### Precautions

Avoid extended continuous mixing once correct consistency is achieved. Freshly made shall be consumed within one hour for best workability. Do not remix with additional water to restore workability.

### Safety

- ✓ Wear hand gloves, safety shoes and safety goggles while using and handling the product.
- ✓ In case eyes or mouth are affected, wash with plenty of clean water and seek medical treatment immediately.

Before use, refer to the Material Safety Data Sheet (MSDS). The MSDS is available on [www.ccichemicals.in](http://www.ccichemicals.in) or contact us at [info@ccichemicals.in](mailto:info@ccichemicals.in).

Registered Office	Regional Office	Chennai Plant	Mumbai Plant
Office No. 210 Shah Heritage Commercial CHS Plot No. 9, Sector 48, Seawood Navi Mumbai – 400 706 Maharashtra, India Mobile: +91 93247 27785 E-mail: <a href="mailto:kashinath.bera@ccichemicals.in">kashinath.bera@ccichemicals.in</a>	'LAKSHMAN MANERE' Old No. 17/2, New No. 42/2, R Block 6 <sup>th</sup> Main Road, Anna Nagar West Chennai – 600 040 Tamilnadu, India Mobile: +91 98400 73183 E-mail: <a href="mailto:durai.murugan@ccichemicals.in">durai.murugan@ccichemicals.in</a>	No. 1, Perumal Koil Street Azhinjivakkam Sriperumpudhur Thiruvallur – 602 105 Tamilnadu, India	Plot No. A-51 Taloja Industrial Area MIDC, Taloja Navi Mumbai – 410 208 Maharashtra, India