

## Technical Data Sheet

### **AWAZEL TEX 110**

**High performance, needle punched, non –woven Geotextile fabric**

#### Description

Geo-textile fabric is a high performance polymeric non –woven stable fiber based on polyester with a high degree of dimensional stability . It is used as a separation , filtration and moisture barrier .

#### Features

- Excellent resistance to chemical Compounds and salts normally present In the soil .
- Excellent UV resistance
- Durable and easy to install
- Remarkable resistance to aggressive attacks of salts and chemicals
- Good tear and puncture Resistance

#### Function

Geotextiles are used to provide protection filtration ,separation , reinforcement and drainage functions in soil , rock and waste materials .They are also specifically used as separation and protection layers within structural waterproofing system, protection and moisture mats within the roofing system.

#### Instructions for Application

The geotextile fabric can be loosely laid depending on type of application and site conditions. The surface generally should be clean and free from debris and large cavity For roof applications ,geotextile should be applied upon clean substrate , either thermal insulation board or waterproofing membrane

#### Health & Safety

All safety measures should be taken during application. Fire extinguishers should be available on the site .workers should wear personal protective tools such as gloves and goggles during application .

#### Packing

It is produced in rolls of 3x 100 meters; the rolls are wrapped with double PE foil.

#### Storage & Material Handling

The rolls should always be stored in a shaded area. The rolls shouldn't be left on direct sunlight over 14 days .

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## TECHNICAL DATA

| Properties                       | Typical Results       | Test Method   |
|----------------------------------|-----------------------|---------------|
| Roll Size, (Width )              | 3 mts                 | Nominal       |
| Roll Size, (Length )             | 100 mts               | Nominal       |
| Nominal thickness ,2kpa          | 1.5 mm                | EN ISO 9663-1 |
| Nominal Unit Weight              | 110 gr/m <sup>2</sup> | EN ISO 9864   |
| Tensile Strength, (CD),kN/m:     | 8.6 *                 | EN ISO 10319  |
| Tensile Strength, (MD),kN/m:     | 7.6 *                 | EN ISO 10319  |
| Dynamic Cone Drop                | 30 mm                 | EN 918        |
| Flow rate (lt/m <sup>2</sup> /s) | 95                    | EN ISO 11058  |
| Opening Size (microns)           | 100                   | EN ISO 12956  |

*Note: The above shown technical, data are typical results obtained, to the best of our knowledge, from our quality control records; extra details can be provided upon request.*

\* In accordance to the standard , a variation of 20% is expected .

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