Secutex® Green - Use in the schoolyard

Temporary use of a biodegradable separation and filter nonwoven

- **Project name**
  Schoolyard of the interim school in Eutin, Germany
- **Contractor**
  Erwin Rumpf Garten- und Landschaftsbau GmbH & Co. KG, Nortorf, Germany
- **Planner**
  Siller Landschaftsarchitekten BDLA, Kiel, Germany
- **Product**
  Secutex® Green 40G1 GRK 3

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The Wilhelm-Wisser-Schule (WWS) in Eutin, Germany, is bursting at the seams. For this reason, the school is planned to be expanded into a three and a half form entry school for around 550 pupils over the next few years.

However, lessons will continue. As an alternative location, an interim school for the WWS will be set up on the fairground for around two years. These are modular classrooms housed in metal containers. Interim schools are often used for conversions, renovations, refurbishments or additional space requirements. They offer all the functions of a permanent building and are very flexible regarding room layout.

In addition to classrooms and specialist science rooms, the school also offers sufficient space for most school facilities, such as the secretary's office, staff room, caretaker's area, kiosk, WC rooms, etc.

Secutex® Green "forms a precedent"

The outdoor area of the school is designed with different materials. Mixing or soiling of the substrate must be avoided so that the different materials can be removed as cleanly as possible. The 100% biodegradable nonwoven Naue Secutex® Green 40G1 GRK 3 is used as a separation towards the existing substrate. This needle-punched nonwoven with a very high pore volume prevents the different materials from mixing with the existing soil while remaining permeable. This allows the materials to be installed correctly and forms a filter towards the subsoil.

Installed - and where do we go from here?

The entire project will be dismantled at the end of the interim school's service life. The Naue Secutex® Green nonwoven will have largely degraded by then. This means there is no need for the time consuming separation of the natural materials from the nonwoven and, therefore, no need to dispose of them in an incineration plant or landfill. Due to the consolidation and settlement of the entire schoolyard system, the mixing of the materials is only expected to be minimal after the consolidation phase.

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