

# Short Course A1

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## *"Specifications for Geosynthetics"*

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### **Chairmen:**

Helmut Zanzinger, SKZ German Plastics Center, Würzburg and Philippe Grimmelprez; Mattex, Saudi Arabia

### **Course Description**

Specifications for Geosynthetics will be presented and discussed.

CE certification of Geosynthetics will be presented.

### **Course outline**

- The differences and uses of Non-woven geotextiles (Needle punched, Thermally Bonded, Spun bond, Continuous filament, etc.)
- The differences and uses of woven geotextiles (Polypropylene – Polyester)
- Relevant functions of geotextiles/application
- What geotextiles to use for what application
- Relevant test parameters
- Specifications for Geotextiles and Geotextile Related Products
- Specifications for High Density Polyethylene (HDPE) Smooth and Textured Geomembranes"

### **Course Benefits**

- Understand the different functions of Geotextiles and Geotextile related products
- Understand the different applications of Geotextiles and Geotextile related products
- Understand the need of classification systems for certain functions and design based specifications for other functions

### **Who should attend?**

- Students
- Design engineers, civil engineers
- CQA engineers

## **Instructor Biography**

Helmut Zanzinger:

### Standardization

- 20 years active member of standardization committees like DIN, CEN and ISO on Geosynthetics (GSY)
- past convenor of CEN/TC189 WG2 on Terminology of Geosynthetics
- Convenor of CEN/TC 189 Project Group on Surface Erosion Control
- Expert of Working Groups in Germany
- BAM Fachbeirat (Geosynthetics in Landfills)
- DIBt Sachverständigenausschuss (Geomembranes)
- FGSV (Surface Erosion Control)
- Third Party Control:
- Head of accredited Inspection Body for Geosynthetics at SKZ
- Past Chairman of European Notified Bodies for the certification of the Factory Production Control (FPC) in the framework of CE marking of GSYs and waterproofing membranes
- CE certification of GSYs and waterproofing membranes world wide
- Standardization