

**intermas<sup>®</sup>**  
netting your future

**Geosynthetics**



**Mines**

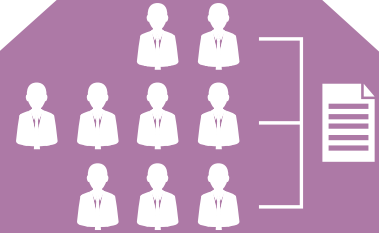
# DRAINAGE SPECIALISTS



MULTIDISCIPLINARY  
AND TECHNICAL  
SALES TEAM ACTIVE  
IN INTERNATIONAL  
CONFERENCES.



CALCULATIONS &  
DESIGN SUPPORT  
FOR ALL OF OUR  
PRODUCTS.  
  
INSTALLATION  
GUIDELINES FOR EACH  
APPLICATION.



CASE STUDIES  
OF RELEVANT  
JOBSITES.

PRODUCERS OF STANDARD OR  
CUSTOMIZED DRAINAGE PRODUCTS IN  
ACCORDANCE WITH  
INTERNATIONAL QUALITY  
CERTIFICATIONS.



ISO 9001

ISO 14001

CE Mark **for our standard range of products**

GAI-LAP (GSI) **external tests for ASTM products available**

Intermas Nets lab **for quality control and R&D**

IGS members **(International Geosynthetics Society)**

GSI members **(Geosynthetic Institute)**

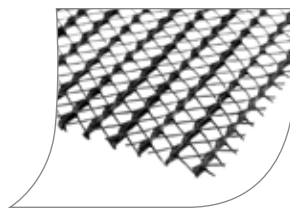
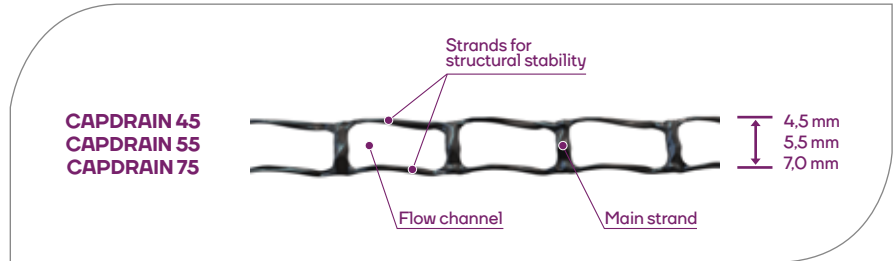


# DRAINAGE GEOCOMPOSITES

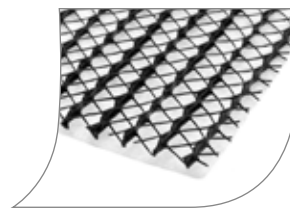
## CAPDRAIN

**THE NEW DRAINAGE SOLUTION FOR RESIDUE STORAGE CAPPINGS AND PONDS**

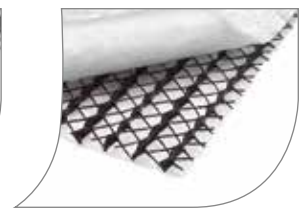
HIGH FLOW 3,0l/ms  
4 m WIDTH



GEONET



GEONET +  
1 GEOTEXTILE

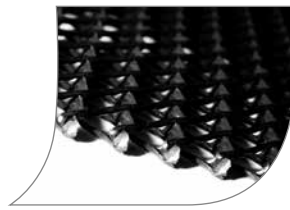
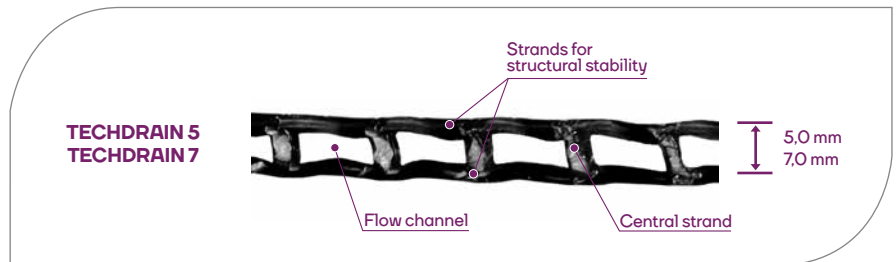


GEONET +  
2 GEOTEXTILES

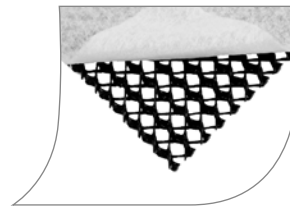
## TECHDRAIN

**THE BEST DRAINAGE SOLUTION FOR MINES (LEACH PADS, TAILING DAMS)**

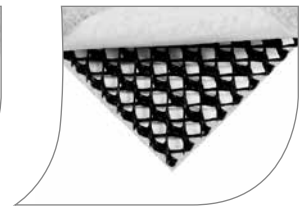
HIGH COMPRESSIVE STRENGTH



GEONET



GEONET +  
1 GEOTEXTILE

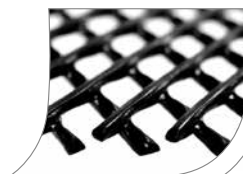


GEONET +  
2 GEOTEXTILES

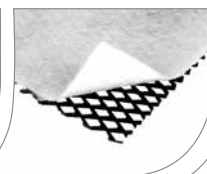
## INTERDRAIN

**THE MOST ADAPTABLE SOLUTION FOR MINES**

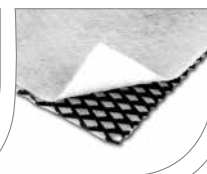
VERSATILITY



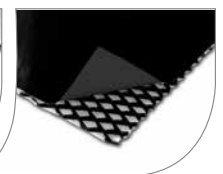
GEONET



GEONET +  
1 GEOTEXTILE



GEONET +  
2 GEOTEXTILES

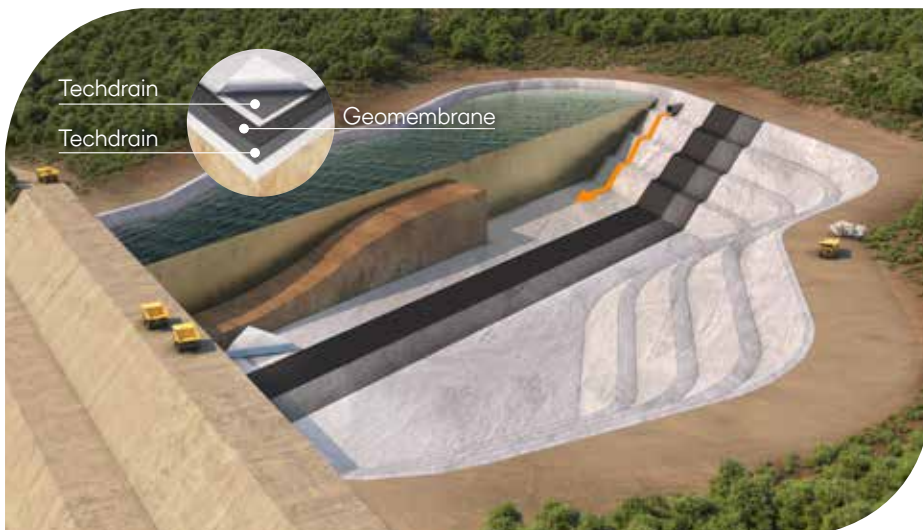


GEONET +  
1 GEOTEXTILE +  
1 WATERPROOFING

# MINES



# TAILING DAM



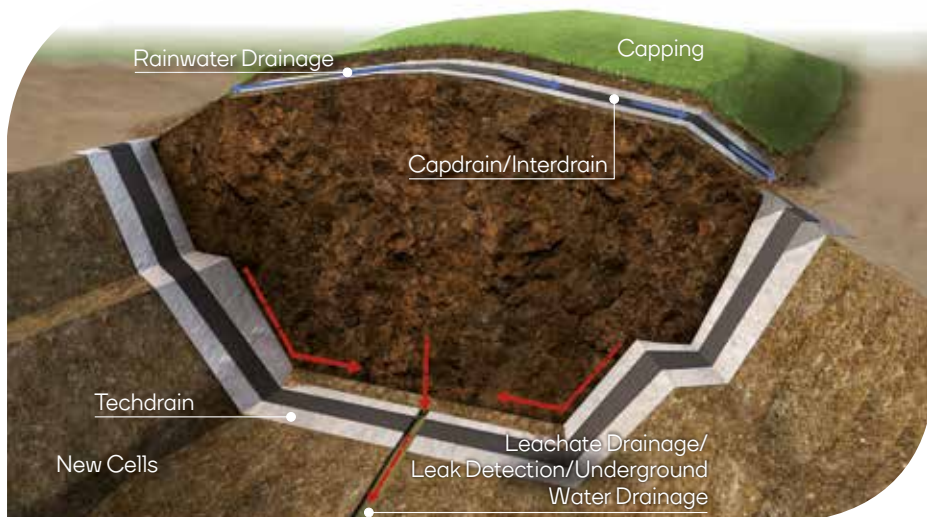
**MUDS BLANQUET  
DRAINAGE**

**LEAK DETECTION**

**GEOMEMBRANE  
PROTECTION**



# RESIDUE STORAGE CAPPING



**RAINWATER  
DRAINAGE**

**GEOMEMBRANE  
PROTECTION**

## EROSION CONTROL



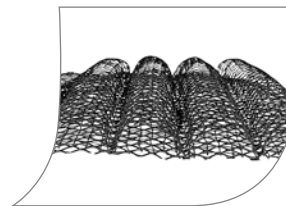
WITHOUT

WITH

### COST-EFFECTIVE SOLUTION FOR FIGHTING EROSION ON SLOPES:

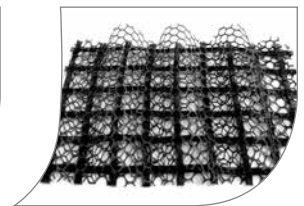
- It has the flexibility required to adhere to the slope's surface.
- It offers a high soil retaining capacity.
- It allows the reuse of topsoil extracted from the worksite.
- It guarantees the rapid growth of vegetation.

TRINTER



EROSION CONTROL MAT

TRINTER R



EROSION CONTROL MAT + REINFORCED GEOGRID

## REINFORCEMENT

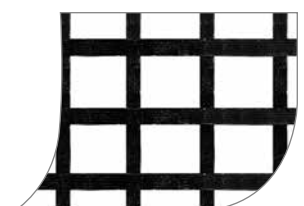


Polyester geogrids with the following characteristics:

- High short-term tensile strength at break: from 20 KN/m to 1,000 KN/m.
- Low deformation in short-term break.
- Excellent yield performance.
- Optimal interaction with all types of soils due to its structure.
- Easy and fast installation.
- The union between the weft and the warp is perfect, preventing tears.

THIS GEOGRID HAS BEEN DESIGNED TO BE A LONG-TERM REINFORCEMENT AND TO PROVIDE ADEQUATE STABILITY FOR THE CONSTRUCTION UNITS.

INTERGRID



## REFERENCE WORKS



**TURKEY OZDOGU COPPER MINE**  
INTERDRAIN 200.000 m<sup>2</sup>



**PERÚ CERRO VERDE GOLD MINE**  
INTERDRAIN 93.000 m<sup>2</sup>



**TURKEY MANISA GÖRDES STAGE 1**  
**WASTE STORAGE FACILITY (META NICKEL)**  
INTERDRAIN + TECHDRAIN 556.000 m<sup>2</sup>



**AUSTRALIA SANTOS FLUOR MINE**  
**(POND FOR LNG)**  
TECHDRAIN 450.000 m<sup>2</sup>



 **intermas group**

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