



## Protection

## Geotech solutions

- **Slope stabilization:**
  - 7-wire strand anchors and wire for slope stabilization nets
  - Bezinal®5000 Gabion wire solutions for soil & river bank stabilization
- **Natural hazard protection:**
  - Rockfall & avalanche protection: wire for rock protection nets and ropes
  - Mudflow & debris: wire for rock protection nets and ropes, Bezinal®5000 wire for gabions

## Key trends

- **Climate change** increasing risks of natural hazards
- **Urbanization** in emerging markets
- More remote/**challenging job sites** - need to go deeper, higher, dangerous environment
- Pressure for more **environmentally friendly solutions**/materials
- The market is asking for the longest possible **lifetime** solutions

## Natural hazard protection



### Challenges

- Securing **irregular** and **unstable** rocks, protection against other natural hazards as there are: avalanches, mud flows and debris flows
- Withstanding **harsh weather conditions** and the **consequences of the climate change**
- **Long lasting solutions** to avoid complex installation in remote areas

### Benefits



- We can cover full range of wire products
- Complete portfolio to cope with all corrosive environments (Bezinal®/Bezinal®3000 and Bezalplast® coatings) - **longer lifetime**
- Fit for **downstream processing**
- Partner for **co-development**

Wire and strands for  
netting and ropes



## Natural hazard protection

### Product features

- **3-wire or 7-wire strands** made out of high tensile strength wires with excellent ductility
- **Full wire diameter/tensile range** being used for different meshes, strands and ropes
- **Complete coating portfolio** Zinc-Bezinal®-Bezinal®3000-Bezoplast®-Bezoplast® Super



Wire and strands for netting and ropes

Want to  
know  
more?

