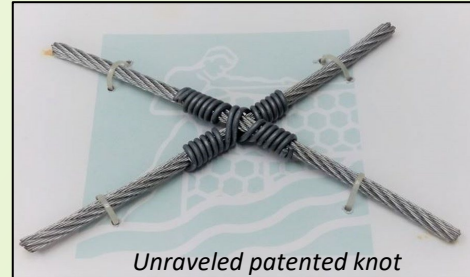


HEA Panel

While wire mesh can mask the slope face, thereby locking small rocks, boulders, and debris, a stronger system is needed. A steel cable mesh developed by Officine Maccaferri S.p.A is now available.

High Strength Absorption (HEA) panel is made up of a single 8-12 mm, heavily galvanized steel cable woven into a net panel with maximum dimensions up to 5 m x 10 m, apertures of 300 to 400 mm, and junctions locked by an unraveled patented knot. Multiple panels can be stacked to provide extensive coverage and anchored with soil nails, dowels, or other fixtures.



Unraveled patented knot

Features of HEA Panel

- ❖ Patented lacing knot locks cable junction, prevent unraveling
- ❖ High tensile 240-310 kN/m , puncture resistance 210-450 kN
- ❖ Strong stiffness and rigidity
- ❖ Durable with minimal maintenance
- ❖ Simple and easy to install

Applications

- ❖ Consolidate slope surface
- ❖ Prevent rock detachment
- ❖ Guide debris to the slope toe
- ❖ Improve slope surface stability
- ❖ Contain unstable loose rock

Our Services

- ❖ Application design
- ❖ Anchor design
- ❖ Method statement
- ❖ Installation of HEA panel



Rock slope stabilization



Loose rock confinement



Slope stabilization



Slope protection



LPMit, Po Lo Che, Sai Kung
GE/2015/07, February 2019



PHD at Po Fu Lam, CV/2020/01
February 2024



HEA panel gabion