

MACCAFERRI Wire Mesh

Galvanized PoliMac Coated Rockfall Protection Netting

Steel woven wire mesh is used as a drapery system to prevent rocks and debris from falling onto roads and railways. Due to the characteristics of double twist, the steel wire mesh has high tensile characteristic that can confine loose rocks/debris and will not be unraveled in the event of wire breakage.

Advantages of Double Twisted Mesh

- Mesh does not unravel if one of the wires should fall
- High tension and punching stress resistance
- Maximum continuity at joints without the need to overlap mesh
- Low installation costs



Wire Mesh Product Description

Maccaferri's PoliMac is a more advanced organic coating. The mesh comprises double-twisted zinc and PoliMac-coated steel woven wire following EN10223-3 and EN10245-1.



Erosion Control at Anderson Road Quarry, March 2019



Erosion Control at Tolo Highway August 2012



Erosion Control at Tuen Mun Chek Lap Kok Link, March 2018

Material Properties

Steel Wire of nominal 2.2mm diameter	Conform to EN10223-3
Galvanized coating on wires 230g/m ²	Conform to EN10244-2
Opening of mesh of 80mm x 60mm	Conform to EN 10223-3
PoliMac coating of nominal 0.5mm thick	Conform to EN10223-3 and EN10245-1
Color of Polimac Coating	Dark Green
Roll size	2 - 3.95 m (W) x 20 - 50m (L)
Wide width tensile strength (MD)	40kN/m

* Lacing wire is included

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MACCAFERRI 石網

鍍鋅 PoliMac 塗層石網

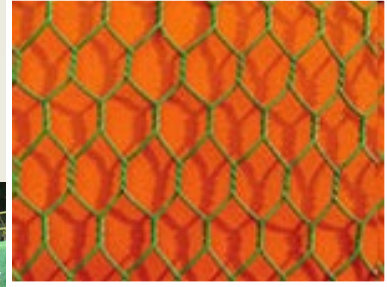
Maccaferri石網，專為斜坡及高架位置而設。憑藉獨特的雙絞結構，鋼絲網具有較高的抗拉及抗穿刺性能，可約束鬆散石塊與碎屑，即使鋼絲斷裂，網體仍保持完整不散開，為下方設施提供持續可靠的安全屏障。

石網的特性

Maccaferri's PoliMac 是新一代的先進有機塗層。網體採用雙絞結構之鍍鋅及 PoliMac 塗層鋼絲編織而成，符合 EN10223-3 及 EN10245-1 標準。

雙絞結構石網的優點

- 即使單絲斷裂，網體仍保持完整不散開
- 高抗拉強度與抗穿刺性能，有效抵禦衝擊
- 接合處具有很大連續性，無需重疊
- 安裝成本低，整體工程更具經濟效益



侵蝕控制, 安達臣道石礦場
2019年3月



侵蝕控制, 吐露港公路
2012年8月



侵蝕控制屯門-赤鱗角連接路
2018年3月

材料規格

鋼絲直徑 2.2 毫米	符合 EN10223-3
鋼絲鍍鋅層 230g/m ²	符合 EN10244-2
網孔尺寸 80 毫米 x 60 毫米	符合 EN 10223-3
PoliMac 塗層厚度 0.5 毫米	符合 EN10223-3 and EN10245-1
PoliMac 塗層顏色	深綠色
捲材尺寸	2 - 3.95 米 (寬) x 20 - 50 米 (長)
闊幅抗拉強度 (縱向)	

* 含包膠鐵綫

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