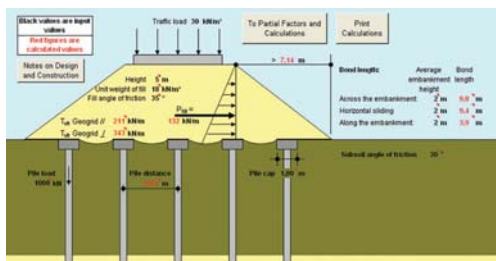
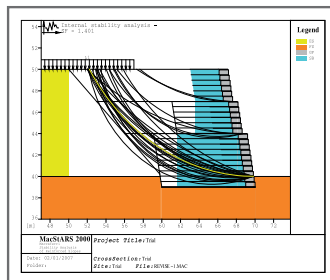
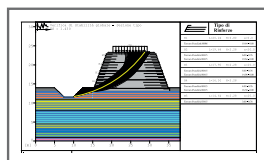


Technical Support

Through the years Maccaferri Technical team has been actively developing softwares to facilitate designing using Maccaferri products. Coupled with experienced Technical team, Maccaferri offers solution to typical geotechnical and environment problems.

Among the software widely used are:

- **MACSTARS**
Reinforced Soil Structures Design
- **MacBARS**
Basal reinforcement applications
- **MSEW®** (not proprietary software)
Reinforced Soil Wall Systems



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BVQI Certified Quality System Company with
SINCERT's and UKAS's accreditation.



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MACCAFERRI

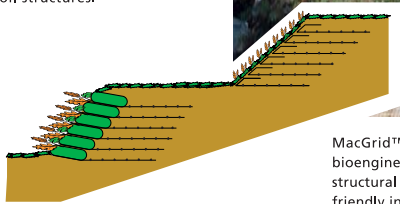
Why MACCAFERRI MACGRID™

- Reduce Cost
- Increase land availability or development
- Provide vegetated slope face to minimize visual impact
- Re-use on-site materials (wherever possible)
- Reduce construction land-use
- Reduce the need of expensive quarried materials

MacGrid™ WG reinforcement geogrids can be used as reinforcement material for the construction of:

1. Reinforced Walls/Steep Slopes/Shallow slopes

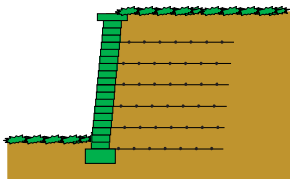
MacGrid™ WG alone or in combination with Terramesh offer the most cost effective and structurally stable solution for construction of reinforced soil structures.



MacGrid™ WG are often also used in combination with bioengineering techniques in order to provide the structural strength combined with an environmental friendly integrated system.

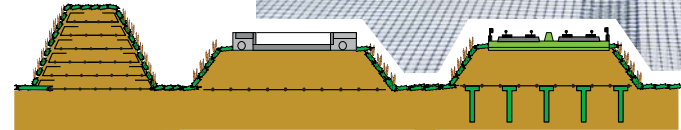
2. Segmental Walls

The availability of versatile technical values of Maccaferri MacGrid™ allows it to be incorporated into design using any proprietary software. This includes most of the available blocks design. This system is used especially for housing/ township development.



APPLICATIONS

3. Noise Barrier Construction of Reinforced Soil Bunds using Maccaferri MacGrid™ as main or additional reinforcement in combination with Terramesh units.



4. Reinforced Piled Embankments & Basal Reinforcement on soft soils High strength Maccaferri MacGrid™ can be commonly used:

1. as basal reinforcement for construction of embankment over soft foundation soils. This application expedites the duration of embankment construction and protects the embankment from slip circle failure.
2. as substitute to concrete deck over piled embankment. It is used to span the voids between piles. MacGrid™ offers the opportunity to further reduce costs by increasing the spacing between piles and reducing the number of piles.

5. Soil veneer applications

Stabilisation of soil on smooth sloped surfaces in landfill application or in combination with geoclay barrier or synthetic membrane.

