

# **MODBLOC**

## MIDDLE EAST

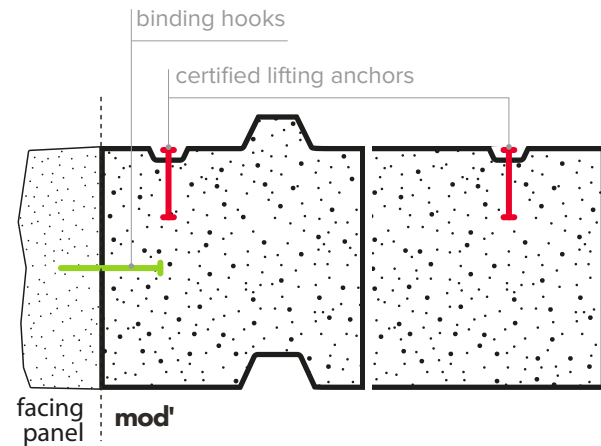
Retaining Walls  
New Generation

---

**PATENTED SYSTEM**

# The **mod'** concept

Modular retaining wall solution  
Gravity walls and reinforced walls



Innovative and patented concept.  
Quick and easy to install.  
Very high yields of installation.  
100% control of design.  
Easily manage final costs.  
Certified by engineering offices.  
Approved by many authorities, architects,  
project management firms...  
Reduce impact on environment.  
The blocks are made out of recycled materials  
and can be recycled.

The system of **mod'** lets you meet any kind of retaining needs, from **technical, aesthetic, productivity, deadline**, to access difficulty or environmental impacts...

**MODBLOC** policy in terms of production and inventory allows you to **satisfy every customer's demands**.

The concept also provides a quick and efficient solution for **emergency cases** such as falling/crumbling rocks or landslides.

**MODBLOC** ensures its modules are available almost immediately. In addition, as the whole process doesn't need any steel rebar or specific foundations, walls can be **built in a very short time-span**.

Large range of applications:

- **public works**: bridges, highways, railways, parks...
- **landscaping and hardscaping** for the public and private sectors.
- **water applications**.

# Pattern options

Freedom in the **aesthetic design** of your walls

Depending on the option chosen, pre-set patterns are available or customized walls can be drawn up **for any specific case**.

**MODBLOC** concept has been studied, tested and approved to face **any kind of retaining structure need**.



**Quadratum Opus**  
from 30 to 80 m<sup>2</sup> per day <sup>π</sup>



**Roman Opus**  
from 15 to 40 m<sup>2</sup> per day <sup>π</sup>

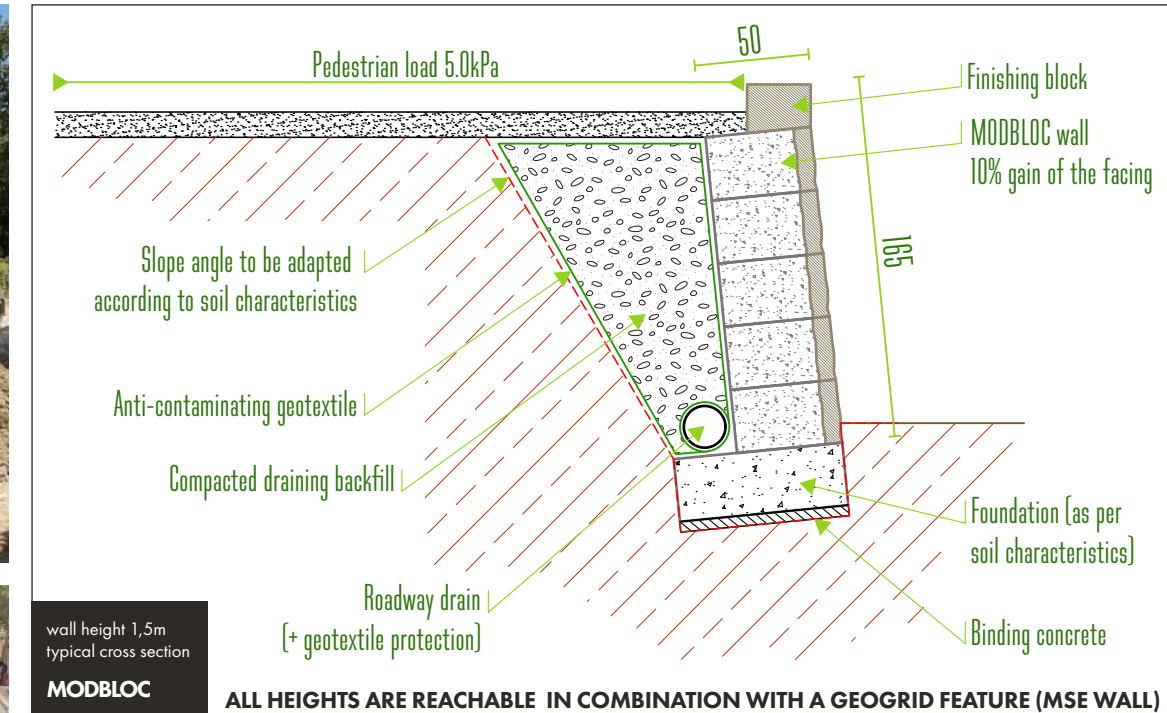


# Implementation and installation procedure

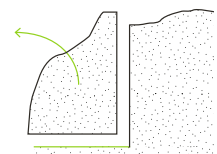
From engineering studies to construction of the retaining wall

The installation procedure used to implement a wall is based on the specific conditions of each project (resources, deadlines, environment ...) according to the engineering and upstream studies' recommendations..

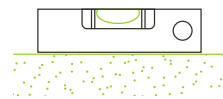
If requested, **MODBLOC** can send someone on site to monitor the wall project.



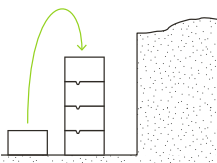
What **MODBLOC** allows in one day:



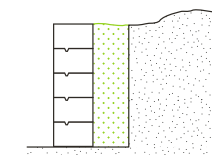
1. Levelling



2. Preparation



3. Dry-laying



4. Backfilling

- The concept only requires basic gravel base or a lightweight concrete support.
- Wall angle given by the first row.
- Standard drainage - no additional drainage features required
- Installation using mainly lifting devices.
- Reduced workforce, material and installation time thanks to the simplicity of the system.
- mod's sizes chosen according to technical needs of each case and adapted to design requirements.
- Dry interlocking saves time and maximizes productivity (no binder needed).
- Clean building site throughout the project eliminates collateral damage during installation.
- Controlled logistic and quicker implementation compared to traditional methods thanks to pre-defined plans/drawings, storage and transportation palettes.
- Drastic reduction of waste tied to execution risks.









# The **mod'** range



**mod'Concrete**  
by MODBLOC

100% concrete



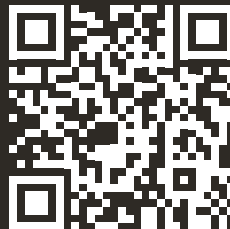
**mod'Stone**  
by MODBLOC

Concrete and natural stone



**MODBLOC**  
MIDDLE EAST

[www.modbloc.pro](http://www.modbloc.pro)



**David Damiani**  
Managing Director

+971 50 959 5753  
[david.damiani@modbloc.pro](mailto:david.damiani@modbloc.pro)