MILITARY TRAINING FACILITIES
COMPANY OVERVIEW

Walltopia is the world leader in the design and manufacturing of artificial climbing walls, high ropes courses and artificial climbing structures. Founded in 1998, to date the company has completed more than 1 200 projects in 50 countries on 6 continents.

Military forces frequently require specialist climbing skills to achieve operational success and for some specialist forces developing and maintaining climbing skills prowess is an essential individual and collective requirement. To train for these specialist tasks and maintain skills is most efficiently achieved on specialist facilities.

Walltopia’s first military training facility was launched in 2005 – a climbing tower made of weather-resistant panels for a law enforcement academy in Singapore. Today Walltopia provides a wide variety of military training facilities in terms of structures, climbing and vertical features and obstacles. The company partners with military academies, police and fire departments and mountain rescue teams. These facilities are designed to the end users requirements in order that they can achieve the most realistic, safe and cost effective mission focused training.

In addition to direct operational training, climbing and high ropes courses are proven to provide non-specialist military users with transferrable skills with direct military applications such as, but not limited to:

- Fitness (strength, power, endurance and flexibility)
- Balance and coordination
- Use of technical equipment
- Response and management of fear of height
- Team work
- Trust and confidence in team members
- Safe operation and working at height

Walltopia’s climbing and ropes course based training facilities are suitable for both individual and group training.

All facilities are designed, manufactured and installed to the highest applicable international standards with regionally based technical support, maintenance and inspection packages available.

Completed projects
MILITARY TRAINING TOWERS

This is design example to illustrate potential training features. The tower can be configured according to the customer’s specifications. All military facilities are designed and installed in accordance to the operational requirements and planned activities.

Rocktopia and Concrete Like Wall

1. Heli mock-up
2. Rocktopia: real rock appearance and feel
3. Crack climbing
4. Alcove & stretcher lowering
5. Breach doors
6. Balcony penetration
7. Hood ladder
8. Aid crack
9. Electrical conduit climbing
10. Vehicle assault

Glass and Brick Like Wall

1. Helicopter approach
2. Plummet gun training
3. Mechanical climbing
4. Brick wall sky hooks
5. Glass wall ascending and descending
6. Rappel & fast roping
7. Helicopter mock-up & skid
8. Alcove & stretcher lowering
9. Via ferrata ladder
10. Steel structure mechanical climbing
MILITARY TOWERS EXTERIOR OPTIONS

**Rocktopia Wall:**
- Rock climbing
- Trad climbing
- Via ferrata ladder
- Rappel & fast roping
- Alcove & stretcher lowering
- Ledge for multi-pitch climbing

**Concrete Like Wall:**
- Bolt Ladder
- Steel structure mechanical climbing
- Alcove
- Via ferrata ladder
- Window penetration
- Rope access

**Glass and Brick Like Wall**
- Brick wall climbing with hooks
- Curtain glass wall ascending
- Electrical climbing

**Practice assault façade:**
- Balcony penetration
- Breach windows&doors
- Vehicle assault
- Mechanical climbing
- Aid crack climbing
- Hoop Ladder

All military facilities are designed and installed in accordance to the operational requirements and planned activities.
**MILITARY TOWERS INTERIOR**

**Level 1: Entry**
- Various stairs for tactical training
- Removable mid-Wall in the staircase

**Level 2: Interior Training Room**
- Mobile walls
- Mobile targets

**Level 3: Alcove with all anchors**
- Mock Tree
- Crack system
- Bolts

**Level 4: Closed Combat Training Room**
- Paint ammunitions
- Mobile walls
- Targets

**Level 5: Helicopter Mock-Up Entry**
- Ascending
- Descending
- Stretcher lowering
- Retrieval

**Level 6: Roof Platform**
- Rappel
- Fast Roping
- Technical rope access

*Fast rope gantries and helicopter abseiling will be configured to mimic the operational needs of users most realistically.*
REFERENCE PROJECTS

MINISTRY OF DEFENCE, TOWER DOORN, THE NETHERLANDS
Climbing Surface: 235 m²
Materials: Rocktopia Limestone
Year of Completion: 2011
Contact Details: Noel Poels
E-mail: noel@walltopia.com

MILITARY TOWER, AMERSFOORT, THE NETHERLANDS
Climbing Surface: 235 m²
Materials: Rocktopia Limestone
Year of Completion: 2011
Contact Details: Noel Poels
E-mail: noel@walltopia.com
REFERENCE PROJECTS

STROE TOWER, MILITARY, POLICE & FIRE
BRIGADE DEPARTMENT, THE NETHERLANDS

Climbing Surface: 154 m²
Materials: Rocktopia Limestone
Year of Completion: 2010
Contact Details: Wim Nabuurs
E-mail: wat.nabuurs@mindef.nl

ASSEN TOWER, MILITARY, POLICE & FIRE
BRIGADE DEPARTMENT, THE NETHERLANDS

Climbing Surface: 141 m²
Materials: Rocktopia Limestone
Year of Completion: 2010
Contact Details: Wim Nabuurs
E-mail: wat.nabuurs@mindef.nl
REFERENCE PROJECTS

AC VREDEPEEL, MILITARY TOWER, THE NETHERLANDS
Climbing Surface: 150 m²
Materials: GRP
Year of Completion: 2008
Contact Details: Mr. Arnold de Jonge
E-mail: adejonge01@planet.nl

ERMELO TOWER, MILITARY, POLICE & FIRE
BRIGADE DEPARTMENT, THE NETHERLANDS
Climbing Surface: 225 m²
Materials: Rocktopia Limestone high relief
Year of Completion: 2010
Contact Details: Wim Nabuurs
E-mail: wat.nabuurs@mindef.nl
REFERENCE PROJECTS

LAW ENFORCEMENT ACADEMY
SINGAPORE
Climbing Surface: 291 m²
Materials: GRP Panels
Year of Completion: 2005
Contact Details: Chew Ang Yew
Phone: +65 6346 8561

KAISERLUTERN MILITARY COMMUNITY CENTER, RAMSTEIN AIR BASE, GERMANY
Climbing Surface: 570 m²
Materials: Rocktopia Limestone, GRP
Year of Completion: 2006
Contact Details: Noel Poels
E-mail: noel@walltopia.com
REFERENCE PROJECTS

106 AIR RESCUE
THE USA
Climbing Surface: 118 m²
Height: 15m
Materials: 3D Curves - GRP
Year of Completion: 2014
Contact Details: Jules Roy
E-mail: hallmarkred@gmail.com

FORT CARSON
THE USA
Climbing Surface: 138 m²
Height: 11 m
Materials: Rocktopia Limestone low-relief
Year of Completion: 2011
Contact Details: John Kemp
E-mail: jkemp@big-d.com
DUAL MILITARY SKILLS AND PERSONAL DEVELOPMENT FACILITIES

GOVERNMENT PROJECT
MIDDLE EAST
Features: Rocktopia Wall, 3D Curves wall, Geome3x, Via Ferrata, Ropes Course
Year of Completion: 2014
Contact Details: Pete Aldwinckle
E-mail: uae@walltopia.com

GOVERNMENT PROJECT
MIDDLE EAST
Features: Indoor low & high ropes course, Rocktopia wall, 3D Curves wall, Geome3x wall, Outdoor low & high ropes course with shading, Activity tower with abseil & climbing wall
Year of Completion: 2013
Contact Details: Pete Aldwinckle
E-mail: uae@walltopia.com
## REFERENCE PROJECTS

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>EGYPTIAN MILITARY FORCES</th>
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<tr>
<td>Total Climbing Surface</td>
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(Design Information Classified by request of Egyptian Government)

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<tr>
<td>Features:</td>
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(Design Information Classified by request of UAE Government)

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<td>Total Climbing Surface</td>
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(Design Information Classified by request of Dutch Government)

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<th>PROJECT</th>
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(Design Information Classified by request of the government)

## CONTACTS

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