



automated waterproofing
membrane
installation
system

mini-macaden®



On cover : **Mini-Macaden® 1000**.
Above : Route des tamarins (Reunion Island) - **Antirock® P** on **Glacivap®**.

the **+** Mini Macaden®

- **Fast Installation** : up to 1,000 m² per day with 4 people.
- **High performance** : higher quality and consistency of installation.
- **Economical** : reduction of manpower and consumables.
- **Multi-purpose** : can be used on bridges, overpasses, car parks and roofs.
- **Safe** : CSA International certified, limiting the use of flame and manual operations.
- **Ecological** : electric motors and gas, reducing gas consumption.

automated installation

MINI-MACADEN®

The **Mini-Macaden®** is a machine for laying bituminous membranes developed by **SOPREMA**. Self-propelled and self-guided, it provides the peeling, welding and bonding rolls of 8 or 10 ml. Small enough to be suitable for transport in a van for greater mobility, it allows installation of up to 1,000 m² per day with 4 people, whatever the outside temperature (> 0 ° C) or wind conditions. Its system of hot air nozzle, patented and tested for several years, allows constant and uniform distribution of hot air over the entire membrane improving the quality of installation:

- Installation is uniform and constant. ■ Welds easily.
- Continuous protrusion. ■ Installation and wrinkle free without blisters.

The flame-free system, reduces the risk of accidents and reduced gas consumption (reduction of over 50% compared to manual welding). The use of the **Mini-Macaden®** improves working conditions for staff by reducing manual handling and welding operations.

FEATURES

- **Dimensions** : Length : 1,79 m, width : 1,04 m, height : 1,10 m.
- **Empty weight** : 300 kg.
- **Processing speed** : 4 to 6 meters per minute.
- **Rolls** : 8 ml or 10 ml x 1 m.



CivilRock® at your service

If you would like to discuss a future project or one that is under way, or if you have any queries, feel free to call us.

Phone: **+33 (0) 1 46 88 94 08**

Fax: **+ 33 (0) 1 46 88 92 30**

More informations on www.soprema.com

THE PROCEDURE

The parameters of the **Mini-Macaden®** are perfectly controlled and programmable through a touch panel: temperature, speed, alignment ...

1. The roller is mounted on the chassis machine and the membrane is engaged, the machine is pre-aligned.
2. Turning on the **Mini-Macaden®** : advancement and automatic guidance.
3. Visual monitoring of welding for possible adjustment speed.
4. Stop the burner at the end of roll.
5. Manual welding the ends of the roll.

For optimum performance, the **Mini-Macaden®** requires the following operatives: of an operator **Mini-Macaden®**, one operator for welding the ends of rolls and two people to handle rolls.



14 rue de Saint-Nazaire - BP 60121
67025 STRASBOURG Cedex 1 - France
Phone.: +33 (0)3 88 79 84 00 - Fax: +33 (0)3 88 79 84 01
e-mail: contact@soprema.fr - www.soprema.fr