

TECHNICAL DATA SHEET

GUARDIANWELD MACHINE

The GuardianWeld is a stand up induction heater for bonding SealEco EPDM rubber membranes to the Thermobond Washers. Induction is a very efficient heating technique where magnetic field heats up metal but not other materials.

Technical data

Voltage:	220-240 V
Current at heat cycle:	10 A
Weight at transport:	38 kg
Weight Tool:	18.5 kg
Magnets:	10 Pcs
Cable:	5 m

Operating Requirements

Operating voltage:	200-240 V
Frequency:	50-60 Hz
Current	10 A
Atmospheric conditions:	-15 to +45°C, No precipitation
Machine setting:	6.5 sec



Directions for use

Please follow instructions in user guide and SealEco installation manuals. SealEco EPDM membranes shall only be fixed with Thermobond Induction plates. A wind load calculation shall be made by the building engineer and a detailed layout plan is provided to the roofer. Settings of the GuardianWeld are specified in the different guides and manuals. It is compulsory to perform testsplicing before fastening the membrane.

GuardianWeld Induction Machines can be operated between -15°C and +45°C. The machine can not be operated during precipitation, however welding in slightly humid substrates are allowed.

Storage

Store in a dry environment between 5°C and 30°C in the original flightcases. Yearly servicing of the machine is needed. There are no limitations in shelf life.

Note

This is an electric tool and all safety regulations shall be followed. When using long cables, voltage shall not drop below 200 V.

Disclaimer

Information contained in this data sheet is up-to-date and correct as at the time of issue. For latest version please always check www.sealeco.com