

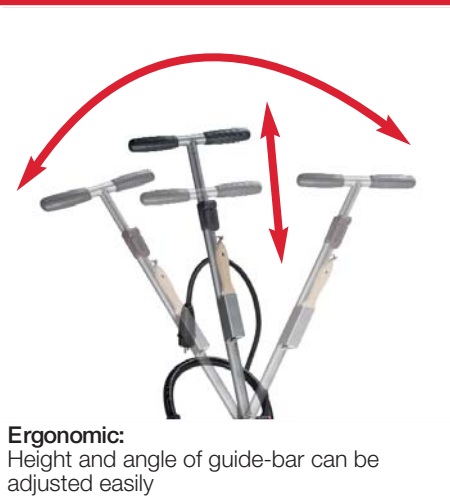
LEISTER

**Bitumen welding
with Leister.**

**Rapid and
reliable with
BITUMAT B2.**

**Flame-free
welding!**

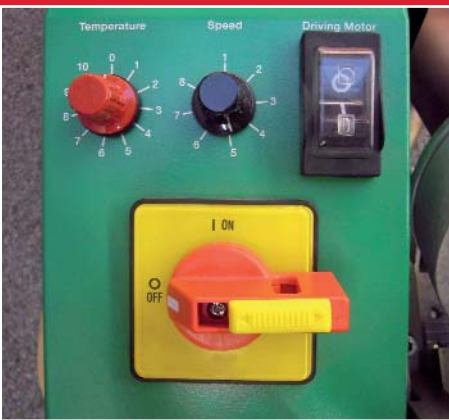




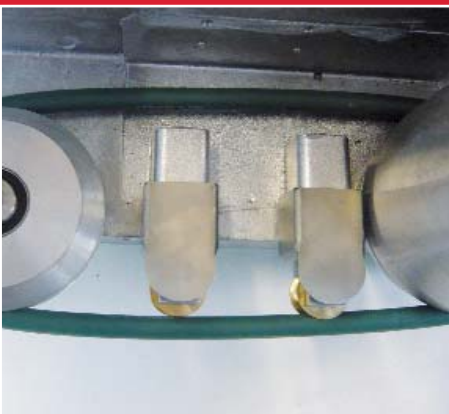
Ergonomic:
Height and angle of guide-bar can be adjusted easily



Variable blower speed:
Tailor the amount of hot air needed to the material and the conditions



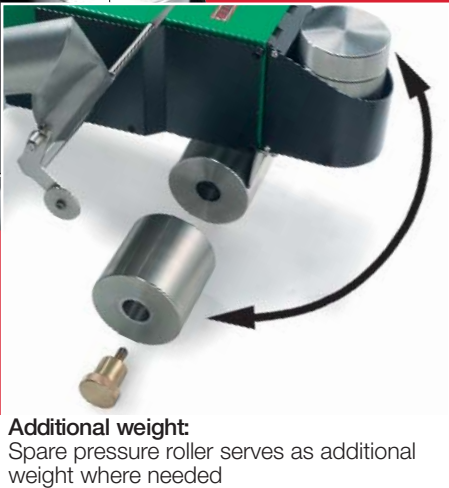
Easy operation:
Reliable adjustment of temperature and speed



High process reliability:
The green air dam belt keeps the hot air in the weld seam



High-power nozzle:
Specially developed for bitumen. Allows working speeds up to 12 m/min.



Additional weight:
Spare pressure roller serves as additional weight where needed

Hot-air welding machine

BITUMAT B2

Welding of modified bitumen sheeting (SBS, APP) with the flame-free BITUMAT B2 is much faster than with an open flame. The weld strength is significantly better and the welding process is more economical.



- Flame-free welding of modified bitumen
- Uniform welding results
- Easy control of hot air volume
- High working speed
- Requires only one user to efficiently weld seams (for open flame two are required, one for heating and one for pressing on)

Technical Data

Voltage	V~	230	400
Power rating	W	6700	6700
Temperature	°C	20 – 650	
Speed	m/min	0.8 – 12	
Emission level L _{pA}	dB	73	
Welding nozzle width	mm	75 / 100	
Dimensions (L x B x H)	mm	690 x 490 x 330	
Weight	kg	40 (with cable)	

Article numbers




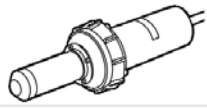

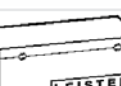
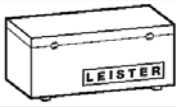

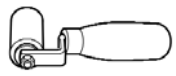
BITUMAT B2	140.438	400 V / 75 mm, 16 A-CEE-Plug
	140.437	400 V / 100 mm, 16 A-CEE-Plug
	140.436	230 V / 75 mm, 32 A-CEE-Plug
	138.386	230 V / 100 mm, 32 A-CEE-Plug

Other versions on enquiry

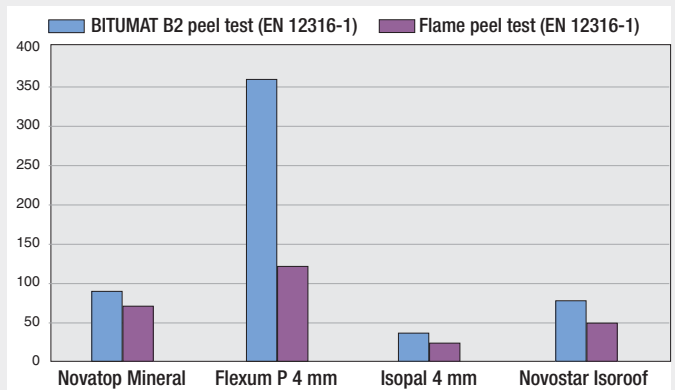


The powerful
ELECTRON.

BITUMAT B2 accessories

	138.048 138.047	Bitumen nozzle 75 mm Bitumen nozzle 100 mm
	137.895 137.896 140.229 140.228	Pressure roller with gap 100 mm Pressure roller with gap 75 mm Pressure roller without gap 100 Pressure roller without gap 75
	140.476	Lifting device for 75 mm version
	107.788	ELECTRON 400 V / 5500 W, with 16 A-CEE-Plug
	107.258	Wide-slit nozzle, slide-on, 70 x 10 mm, for ELECTRON
	107.134	Wide-slit nozzle, slide-on, 40 x 2 mm, for ELECTRON
	140.489	Robust storage case 720 x 470 x 450 mm, Multi-layer plate, green (Included in delivery)
	126.594 126.386	Heating element BITUMAT B2 400 V, 6500 W 230 V, 6500 W
	106.975	Hand pressure roller (silicone), 40 mm supported by ball bearings, single arm

Further accessories on request



Peel test comparison between BITUMAT B2 and naked flame.

BITUMAT B2



Naked flame



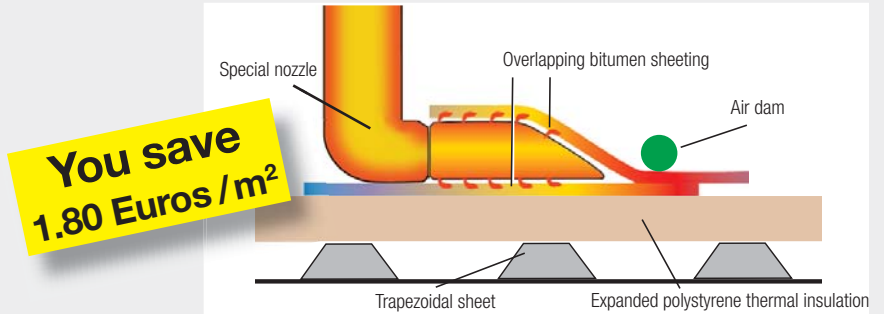
Considerably better welding results compared with naked flame.



1. Open flame prohibited
The safe alternative to open flame for cold applied roof systems.

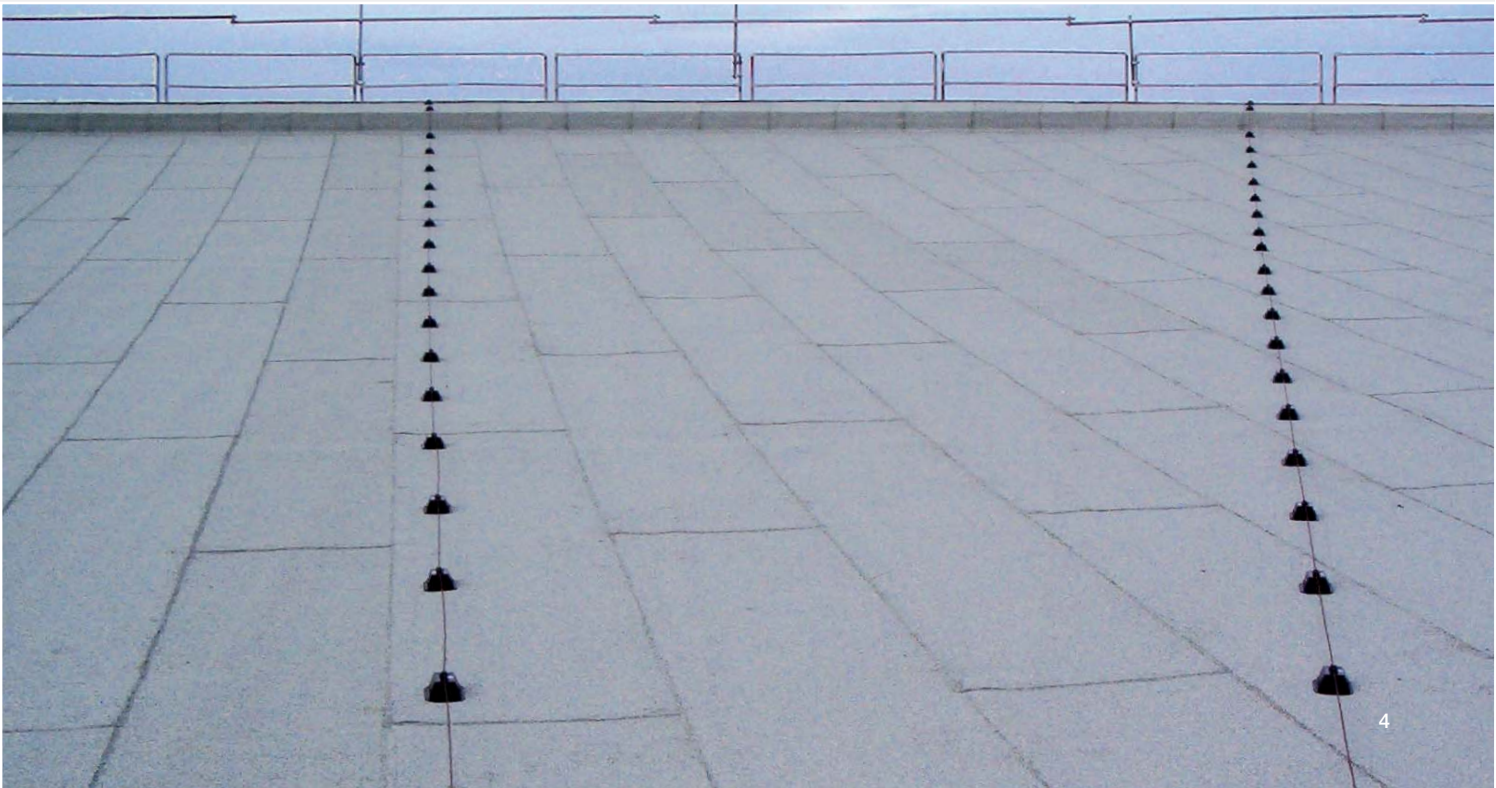
2. Single layer system:
Quickly and easily welded with high quality results

Primary BITUMAT B2 applications



Without the air dam, non-flame-retardant thermal insulation (e.g. expanded polystyrene) would burn. A more cost effective thermal insulation can be used with BITUMAT B2.
Cost savings can be as much as 3600 Euros with 2000 m2 (1.80 / m2).

3. Two layer system
Welding of the first layer without burning the insulation..







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Leister Process Technologies is an **ISO 9001** certified enterprise.

Specifications are subject to change without prior notice



Our close worldwide network of more than 120 Sales and Service Centres in more than 60 countries.

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