

LEISTER

**Bitumen welding
with Leister.**

**Fast and
reliable with
BITUMAT B2.**

**Flameless
welding!**

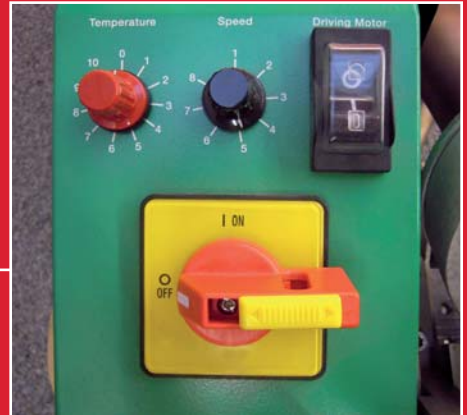




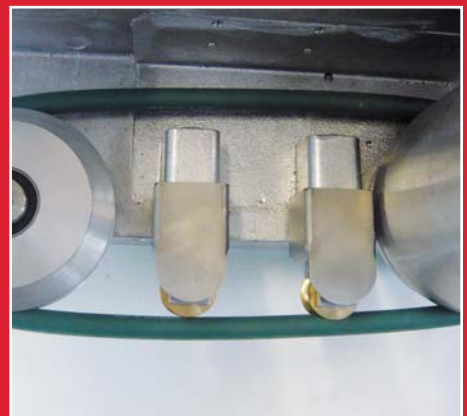
Ergonomic:
Height and angle of guide-bar can be adjusted easily



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 flameless BITUMAT B2 is much faster than with an open flame. The weld strength is significantly better and the welding process is more economical.



- Flameless 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 consumption | 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 no.:




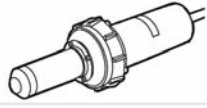


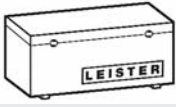

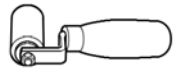
| | | |
|------------|---------|-------------------------------|
| BITUMAT B2 | 140.438 | 400 V / 75 mm, 16 A-CEE-Plug |
| | 140.437 | 400 V / 100 mm, 16 A-CEE-Plug |
| | 140.436 | 230 V / 75 mm, 32 A-CEE-Plug |
| | 138.386 | 230 V / 100 mm, 32 A-CEE-Plug |

Other versions on request

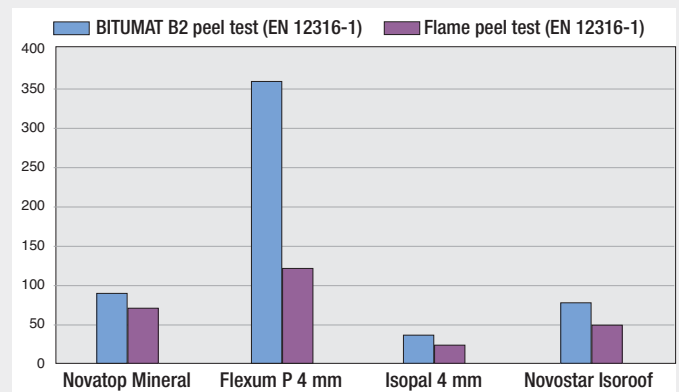


The powerful ELECTRON.

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 mm Pressure roller without gap 75 mm |
|  | 140.476 | Lifting device for 75 mm version |
|  | 107.788 | ELECTRON 400 V / 5500 W, with 16 A-CEE-Plug |
|  | 107.258 | Wide-slot nozzle, push-fit, 70 x 10 mm, for ELECTRON |
|  | 107.134 | Wide-slit nozzle, push-fit 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 open flame.

BITUMAT B2



Open flame



Considerably better welding results compared with open flame.

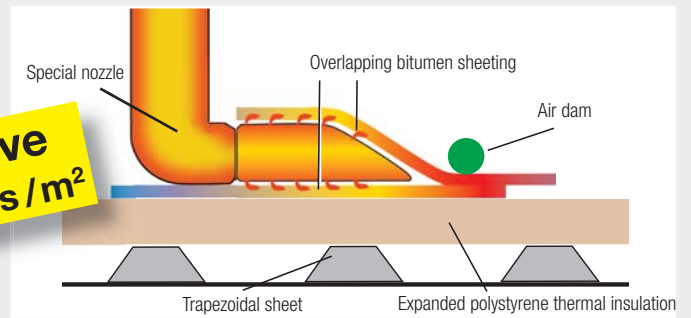


1. Open flame prohibited
The safe alternative to open flame for cold applied roof systems.

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

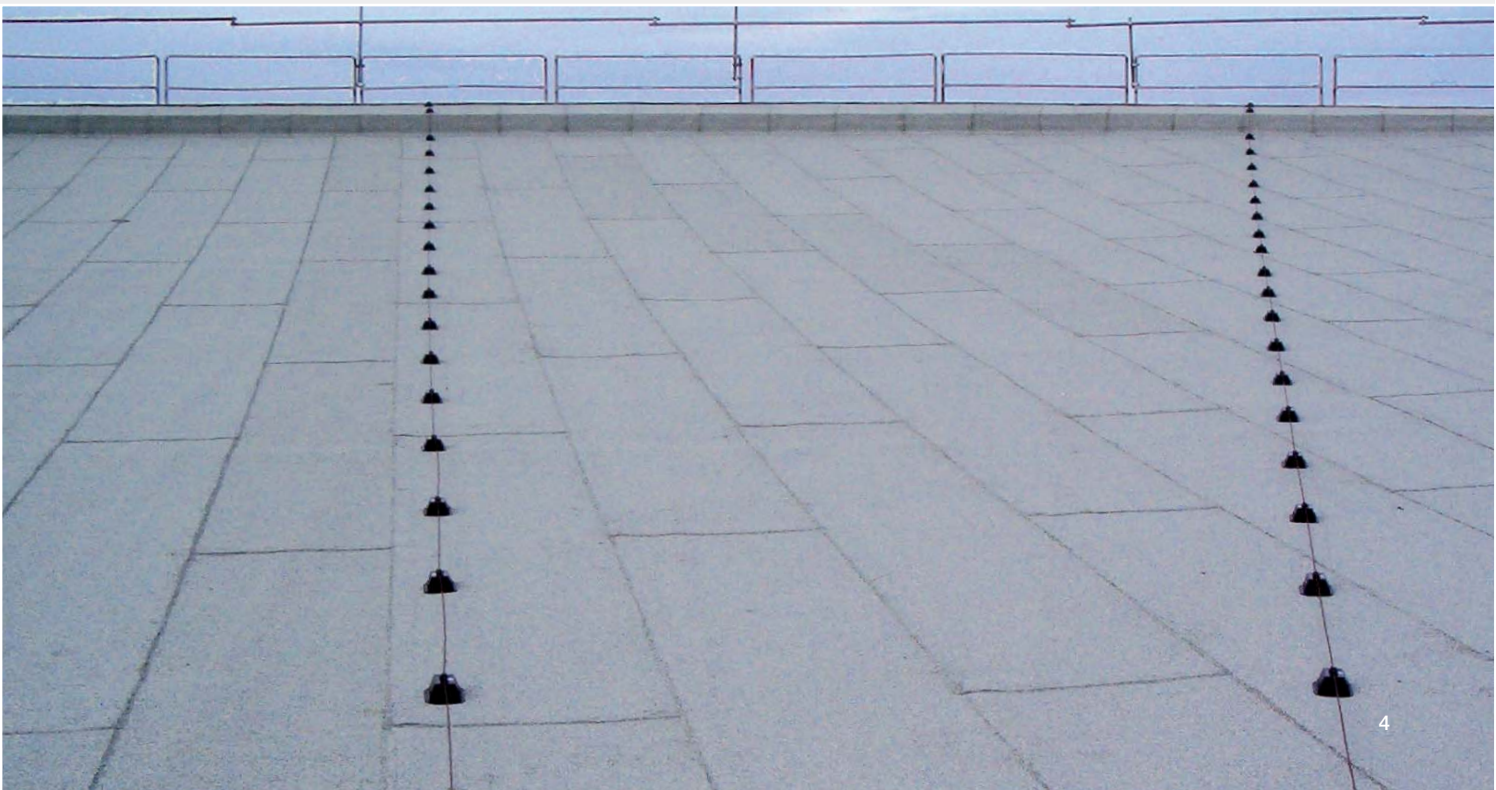
Primary BITUMAT B2 applications

**You save
1.80 Euros / m²**



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.







Headquarters:

Leister Process Technologies
Galileo-Strasse 10
6056 Kaegiswil/Switzerland

phone: +41 41 662 74 74
fax: +41 41 662 74 16
leister@leister.com

www.leister.com

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.

© Copyright by Leister