

UNIROOF E welds hospital roof in Abu Dhabi

Leister guarantees leak tightness

Occasionally even the most arid of regions can experience a downpour of rain. For this reason, flat roofs must be protected in the dry regions too. Inconceivable what may happen if the roof over the emergency room of the enormous Sheikh Khalifa Medical City complex were to leak. As everywhere else in the world, those responsible have put their full trust in Leister.

Roofing company swears by Leister tools

The completed first sector of the flat roof covers an area measuring 3,600 square meters. More than 2000 meters of overlap welding seams were made on the first sector alone – to the utmost satisfaction of everyone involved – and in perfect quality. An additional section of approximately 5,000 square meters is nearing completion. Besides the ability and experience of the working crew, the equipment of Al Shirawi Contracting Co. LLC has certainly contributed here. Al Shirawi has been using Leister tools for a long time and swears by the equipment's sturdiness and reliability. These attributes are necessary in these climatic conditions found here in the desert even more so than in moderate climates.

The "little brother"

Various Leister tools are in use on the roof of the Sheikh Khalifa Medical City Clinic. Besides the UNIROOF E hot air welder, a number of TRIAC hot air tools are in use as well, these primarily being used for details. However, it is the UNIROOF E that does the vast majority of the work. At up to five meters per minute, the UNIROOF is slower than its big brother, the VARIMAT V2, which can reach speeds of up to 12 meters per minute. Nonetheless, the UNIROOF E



Pleasant and precise working with a guide bar that is kind to your back.

is a good choice when it comes to medium size roof projects and above all, when welding T-joints and boarding. The roofing company, Al Shirawi Contracting Co. LLC, has been working with the UNIROOF E for quite some time. The responsible Divisional Manager, Eng. Sharad Bangera, is full of praise for the machines that appear "small" at first glance, "The UNIROOF E is very easy to handle and flexible in use thanks to its compact design. With the height-adjustable guide bar, it always remains controllable with precision. We've also used it on roofs with a pitch of 30 degrees. No problem for the tool thanks to its powerful drive motor." Air separation is also a key factor when it comes to welding seam quality. A rotating air dam belt, made of rubber and tensioned between the drive and diverting roller is responsible for this. As such, it ensures that the overlapping sheet is pressed onto the sheet below

The Sheikh Khalifa Medical City.



before the welding process, resulting in absolutely tight, homogenous welding seams.

Suitable for use on all roofs

Because it is lightweight, the UNIROOF E is suitable for areas that are difficult to reach and close to the edge, such as parapets and edging boards. Weighing merely 13 kilograms, the UNIROOF E can easily be transported onto any roof. Operating the machine is not complicated; speed and temperature can be set accurately and monitored on the display. "You can get to grips with the welding machine really quickly. The specifications of the seal suppliers can be set individually. The pressure can be intensified with the practical extra weight, if need be," stated Bangera, vouching for the simple handling. In fact, Mr. Bangera is full

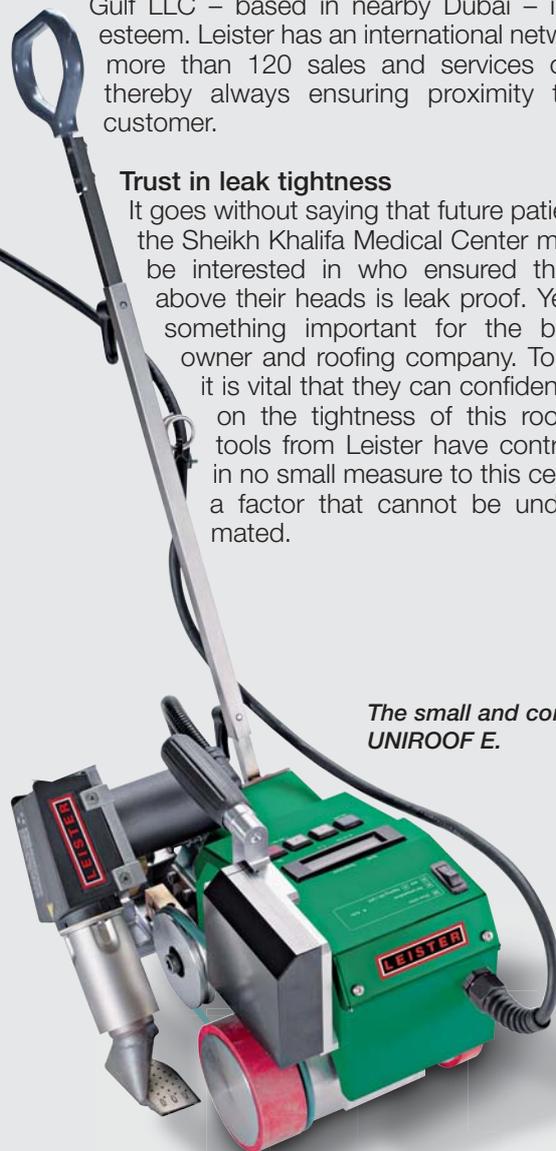


The satisfied roofing team of Al Shirawi Contracting Co.

of praise for all his Leister tools. "They are a tremendous help for us. On this building site too, they make sure the roof is sealed quickly and efficiently." He also holds the support from his Leister sales and service partner, BMC Gulf LLC – based in nearby Dubai – in high esteem. Leister has an international network of more than 120 sales and services offices, thereby always ensuring proximity to the customer.

Trust in leak tightness

It goes without saying that future patients of the Sheikh Khalifa Medical Center may not be interested in who ensured the roof above their heads is leak proof. Yet, it is something important for the building owner and roofing company. To them, it is vital that they can confidently rely on the tightness of this roof. The tools from Leister have contributed in no small measure to this certainty, a factor that cannot be underestimated.



The small and compact UNIROOF E.

Roofing company:

Single plies:

Leister sales and service partner:

Tool supplier:

Al Shirawi Contracting Co. LLC

Thermoplastic Polyolefin (TPO) made by BASF

BMC Gulf LLC, Dubai, www.bmc-plasticwelding.com

Leister Technologies AG, Switzerland, www.leister.com

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