New PV potting agent Sikasil® AS-787 SL

The Photovoltaic Industry strives for solutions which combine higher productivity with lower manufacturing costs. This new, fast curing two-component Silicone based potting agent, enables shorter cycle times and a high automation index for junction box potting for crystalline and thin film photovoltaic technologies.

The Sikasil® AS-787 SL features, despite the excellent flowing behaviour, a very short non-flow time to shorten and secure the storing time before handling and packaging. Due to the two component technology the fast and uniform curing is independent from humidity and can even be accelerated by slight heating. Next to this, the proven weather ability and excellent adhesion to many junction box and backsheet materials as well as to glass ensure long-term performance. With a UL 94 V-0 certification the product proves for the highest flammability rating.

Thanks to the perfect balance of raw materials no sedimentation occurs and therefore no mixing is need prior to usage, like with other potting materials. The material can be applied with most of the common dispensing systems for potting materials.

With this new technology in the Sika product range, Sika is further advancing the way to cost and durability optimised PV systems.

The Sikasil® AS-787 SL is immediately available and the Sika specialist in your country is pleased to support you.

Next to potting technologies, Sika is also offering adhesive and sealing solutions for framing, junction box and backrail bonding.

Sika AG is a globally integrated company supplying specialty chemicals and application knowledge. We are present with more than 120 production and marketing subsidiaries in over 70 countries with 13’500 employees. Sika is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting load-bearing structures in construction and industry.