

Phoenix Solar AG: own TectoSun and TectoSmart on-roof and in-roof mounting systems

- **Swift and simple installation saves time and money**

Sulzemoos 2 June 2010 / With its new TectoSun 3 and TectoSmart mounting systems, Phoenix Solar AG offers its customers two comfortable mounting systems for on-roof and in-roof mounting which can substantially reduce installation time and thus costs.

TectoSun 3

TectoSun 3 is a newly developed successor product to the tried- and tested Phoenix Solar on-roof mounting systems Tecto-Sun 1 and 2. The developers have placed special emphasis on simplifying the installation process. This is guaranteed by a number of different parameters. A selection of nine prefabricated roof hook sets and rails in two different strengths reduce the planning effort for the installer. A simple adjustment to take account of the height, form and friction on carrying components make the work easier. Prefabricated module clamps also accelerate mounting. Moreover, the installer only needs standard tools for the installation.

High quality components made of aluminium and stainless steel which ensure reliability and long life are part of the requirements that Phoenix Solar places on quality. Orders for the TectoSun 3 mounting system can be taken now, deliveries from end of July onwards.

TectoSmart

TectoSmart is a clever insertion system which can be installed either as an in-roof or as an on-roof system. As an in-roof solution, it fully replaces the conventional roofing which is then covered by the solar power plant.

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With in-roof mounting, installation on the roof is carried out at two levels with a gap of 50 mm. The first layer is the roof boarding which is able to withstand pressure and has a watertight roof membrane to which the base profiles are vertically fixed.

The second level consists of the insertion profiles installed directly on top of the base profiles. Finally, the modules are inserted into the profiles in a few easy steps and cabled together. The rain water runs down behind the modules over the watertight roof membrane directly into the gutter.

With new buildings, TectoSmart can be flexibly integrated into the chosen architecture of the building. The installation of the modules is floating. This can save the installer around 30 percent in terms of mounting time. TectoSmart also enables air to circulate freely around the solar modules, which has a positive effect on yield. From a visual standpoint, the overall impression of surface of the modules is smooth and aesthetic.

TectoSmart is also exclusively made of high quality aluminium and stainless steel. The TectoSun mounting system is available for immediate delivery.

Doubly secure

All components have been tested by an independent structural engineer for resistance to wind and snow loads. Both mounting systems have components which carry the RAL seal of approval and have been certified by TÜV (German Technical Inspection Authority).

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About Phoenix Solar AG

Phoenix Solar AG, which has its headquarters in Sulzemoos near Munich, is a leading international photovoltaic system integrator. With total revenues of EUR 473 million, the Group achieved an EBIT of EUR 12.2 million in the financial year 2009. The company develops, plans, builds and takes over the operation of large-scale photovoltaic plants and is a specialist wholesaler for complete power plants, solar modules and accessories. The Group is a leader in photovoltaic system technology. It focuses on the consistent lowering of system costs. With a sales network throughout Germany, and subsidiaries in Spain, Italy, Greece, France, Singapore, Oman and Australia, the Group currently has a workforce of more than 300 employees. The shares of Phoenix Solar AG (ISIN DE000A0BVU93) are listed on the official market (Prime Standard) of the Frankfurt Stock Exchange and on the TecDAX, Deutsche Börse AG's technology index.

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