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BASF and SoloPower Launch New Roofing Solution

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NEW YORK--([BUSINESS WIRE](#))--BASF and SoloPower Systems, a photovoltaic technology company, today officially launched the seamless and multi-layered roofing system that is an interface between a building and the environment.

The development of the multi-layered system promises considerable opportunities for cost-effective energy generation and energy saving. It combines energy efficiency, power generation, waterproofing and water harvesting, which adds proven value to the bottom line of manufacturing, industrial and commercial businesses.

The seamless multi-layered roofing system can be up to 60% lighter than conventional roofs due to its unique light weight construction materials throughout its design. This solution includes roof panels, waterproofing membrane and solar panels. Using composite structural insulated panels provides a cost-effective way to comply with the national energy efficiency regulations South African National Standards (SANS) 10400XA.

At the launch event, Chairman of SoloPower Systems, Neil Auerbach, said that this product represents the future of the solar roofing industry. "The ability of this roof to combine, in a single product, best-in-class thermal insulation, water harvesting and solar power generation, puts it ahead of the pack in generating both environmental benefits and rapid payback for customers. I expect this product to change the way roofing and solar is thought about in the commercial and industrial sector," he said.

According to Managing Director of BASF Construction Chemicals South Africa, Angus Peruzzo, South Africa has the best solar conditions in the world. "Incorporating existing technology from Germany and the United States, we have customized the system to enable optimum usage for climatic zones in South Africa. Our collaboration with SoloPower and the launch of this multi-layered system will enable energy and other resources to be harnessed more efficiently for the long-term."

The technology used for the solar power panels (modules) are CIGS (copper indium gallium selenide) solar cells that produce high energy yields by converting a broader spectrum of light into electrical energy. This technology also allows for the panel construction to be thin and flexible.

Auerbach concluded, "It is a privilege to be part of this great collaboration with BASF and combining incredibly innovative materials that perform several functions to provide world class solutions."

About BASF Construction Chemicals division

BASF's Construction Chemicals division offers advanced chemical solutions under the global umbrella brand Master Builders Solutions for the construction, maintenance, repair and renovation of structures. The brand is built on more than 100 years of experience in the construction industry. Our comprehensive portfolio encompasses concrete admixtures, cement additives, chemical solutions for underground construction, waterproofing systems, sealants, concrete repair and protection systems, performance grouts, performance flooring systems, tile-fixing systems, expansion joints and control systems including wood protection solutions.

The Construction Chemicals division's approximately 6000 employees form a global community of building experts. The division operates production sites and sales offices in more than 60 countries and achieved sales of about €2.3 billion in 2016. Further information at www.master-builders-solutions.basf.com.

About SoloPower Systems:

SoloPower Systems is a photovoltaic technology company specializing in the design, manufacture and deployment of CIGS flexible thin-film solar technology. Further information about the company can be found at www.SoloPower.com.

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