

# SolarTech

UV curing composites





## Info

### UV curing composites

**SolarTech** provides excellent protection against corrosion, chemical attack, abrasion and many forms of aggressive environments.

**SolarTech UV** curing sheet laminates have proven global service history, with many years of successful performance, providing the ability to offer seamless protection and ease of application has attracted many clients to use the SolarTech technology.

**SolarTech** sheet laminate is supplied fully complete, needing no other additives or curing agents, and is ready for use. The material can be cut to any size using knives or scissors.

**SolarTech's** versatile UV curing mechanism allows for variations from minutes to hours, depending on site conditions, in achieving full cure.



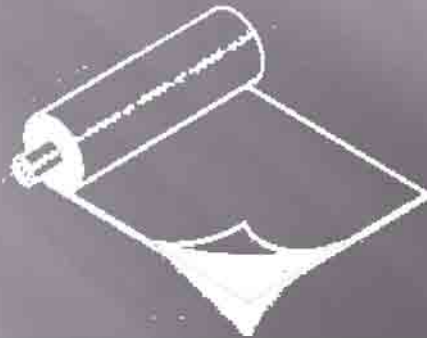
## Products

### UV curing composites

SolarTech is a pliable (soft) material that is installed to cover and protect the insulation system.

It will stay pliable as long as it is not subject to direct U.V. (Ultra Violet) light.

The material is made up out different layers.



Plastic film

Resin rich layer

"C" Glass Veil

"E" Glass mat

Resin rich layer

Plastic film

- Solar Tech** - Sheet Laminates
- Solar Seal** - Liquid Primers & sealing resins
- Solar Fill** - Pastes & Fillers
- Solar Coat** - Resin



## Benefits

### UV curing composites

- Single Component
- Quick Unique UV Curing
- Waterproof
- Fireproof (Class 1 rating)
- Versatility in Application
- Potable Water Approved
- Excellent Corrosion Resistance
- High Adhesion
- High Impact Strength
- Easy to Apply



UV curing composites

## INSULATION PROTECTION

Easily applied to all forms of insulation  
providing waterproofing and  
impact resistance





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## PIPE/CORROSION PROTECTION

Easily applied to all forms of insulation  
providing waterproofing and  
impact resistance





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## PHARMACEUTICAL PLANTS

Easily applied to all forms of insulation  
providing waterproofing and  
impact resistance





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## FOOD INDUSTRIES

Easily applied to all forms off insulation  
providing waterproofing, tough  
durable and very easy to  
clean insulation



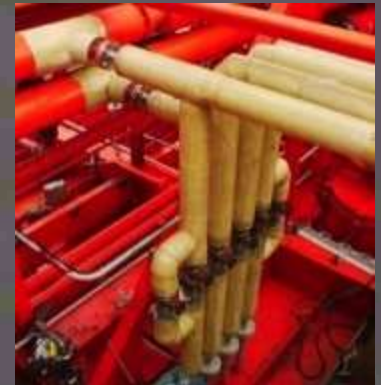




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## OFFSHORE INSULATION PROTECTION

Application on large areas is simple with the product having excellent adhesion to a wide range of substrates and high flexural strength, lightweight fire resistant system





UV curing composites

## CRYOGENIC UNITS

Withstands temperature changes,  
weathering and ultra violet degradation





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## CHEMICAL STORAGE TANK PROTECTION

Excellent chemical resistant properties  
make it ideal for use in the protection  
of chemical storage tanks





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## TANK ROOFS

Waterproofing of large areas is simple with the product having excellent adhesion to a wide range of substrates and high flexural strength





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# Productivity

Sheathing SolarTech  
sheet laminates to steel pipes sections





UV curing composites

## UNDERGROUND PIPING

Providing a tough durable, abrasion,  
resistant and corrosion  
proof system





UV curing composites

## UNDERGROUND PIPING

Providing a tough durable, abrasion, resistant and corrosion proof system even under high abrasion and wet environments





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## CONCRETE PROTECTION

Chemically resistant to a wide range  
of acids, seawater, etc







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## PIPE SUPPORT

Has immense strength and durability





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## INTERNAL OF STORAGE TANKS

With the use of artificial UV source the product is easily cured in areas where natural UV is not available





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**Thank you for your time**