

SOLE DISTRIBUTION IN THE MIDDLE EAST, ASIA & AFRICA BY TIGER PROFILES & INSULATION (UAE)



Question: What is Solasteel?

Answer: Gold GAIA Big 5 2008 Award Winning Solasteel Heat Reflective Metal Coating is the world's first commercially available water-based acrylic PRE-coating for metal sheeting for Roofs/Walls and other applications that has significant advantages over current existing pre-coated material that was developed in the UAE through TPI's partnership with our Australian suppliers CoolShield International.



This high heat reduction coating provides much lower heat build-up in buildings, University tests show a solar reflectivity of 74.1%. Using Solasteel results in less or no Insulation being required, and it has a longer gloss retention than existing pre-coated solvent based Polyester material.

Solasteel is significantly competitive in that being a water based Acrylic it is more resilient to breakdown by UV Rays and thus lowers Energy costs while being a non hazardous Coating (Low VOC's) ensures safer collection of drinking water. Competitively priced, it helps reduce Environmental Emissions during the coating process, has a 15-year performance guarantee on surface coating and a 30-year Substrate performance guarantee. Solasteel delivers a longer lasting, safer, more reflective, heat reducing coating than any alternative coil product. **Solasteel is certified by EcoSpecifier and its usage adds points towards LEED Building Certificates and Green Star Rating.**

Question: What are the benefits of using SolaSteel?

Answer: It stops the heat at the outside; reduces internal temperatures; reduces air cooling costs and thus reduces greenhouse gas emissions; reduces thermal expansion. It is the most cost effective insulation; and it prevents rust and corrosion.

Question: What are the uses of SolaSteel?

Answer: Solasteel, can be used in the construction of any (not limited to) of the following structures: water, fuel, gas, diesel & petrol storage tanks; houses, garages, sheds, aviaries, kennels; workshops, warehouses, shops, offices; silos, shearing & poultry sheds; buses, trucks, vans, containers; boats, dairies, stables, floats and tanks, roofs, walls, public parks and gardens, sport arenas and stadiums, flower markets, fruit and vegetable markets, fish markets, shopping malls, beach resorts, hotels, storage facilities for food products, gas stations, water treatment plants, bottling plants and many more.

Question: What are the main characteristics of SolaSteel?

Answer:

- A) Competitively priced;
- B) High Heat Reduction Coating, rejects 74.1% of the sun's solar rays from the surface and provides much lower heat build-up in buildings based on its RAL9002 coating. Current pre-coated materials reject between 20-60% only.
- C) Less or no insulation required for non air-conditioned spaces.
- D) Longer gloss retention than existing pre-coated solvent based polyester material.
- E) Lowers energy costs in all climate zones during the hotter months.
- F) Has a guaranteed longer lasting surface coating than existing materials.
- G) Non-hazardous coating (low VOC) ensures safer collection of drinking water when used in water tanks.
- H) Environmentally friendly and helps reduce environmental emission going into the world's atmosphere during the coating process as it is a water based product.
- I) Has a 15 year performance guarantee on surface coating versus existing materials guarantee of 12 years.



as seen on www.ecospecifier.ae