

**PLANET  
SUPRA**

# Energy Saving Eco Paint

Protect the Planet | Save your Money



## 7-11 Convenience Stores & PTT Gas Station use Planet Supra to offset carbon emissions

### Case Study: 7-11 Stores & PTT Gas Thailand

January 2010

**The Case:** 7-11 and PTT Gas made use of their proximity as neighbors to evaluate Planet Supra in comparison with PU foam's insulation capacity at two Thailand locations.

**The Results:** Planet Supra produced superior results. The maximum ambient temperatures measured with Planet Supra as compared with PU foam insulation were more than 5C cooler after applying Planet Supra to 7-11's rooftop.



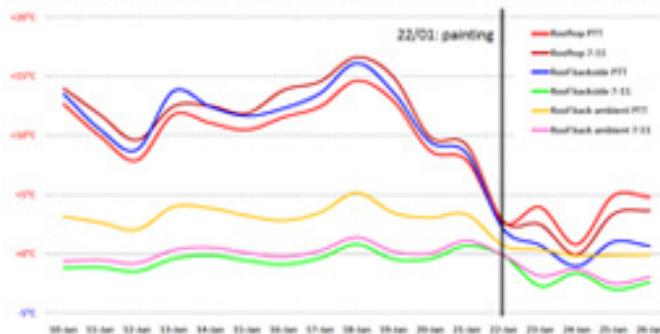
## Planet Supra provides 10 years of carbon offset credits for 7-11 and PTT Gas in Thailand

7-11 Convenience stores and PTT Gas Station in Thailand teamed up to test the thermal insulating properties of Planet Supra. Using neighboring stores based in Bangkok Thailand they painted a PTT Gas Station and 7-11 Store rooftop to evaluate it's effectiveness with and without PU foam insulation.

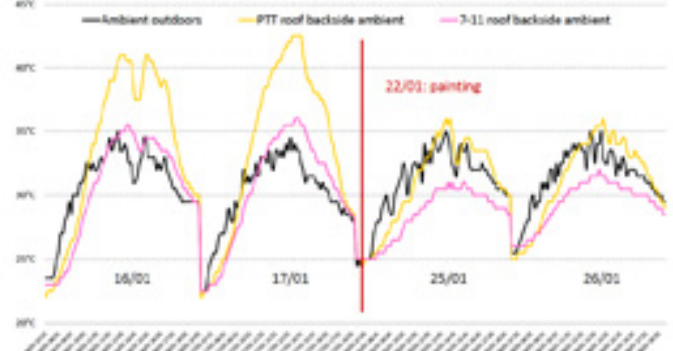
PTT's building painted with Planet Supra immediately demonstrated lower ambient and surface temperatures. 7-11's building next door, already equipped with PU foam, also continued to measure the variance in internal ambient and surface temperature. The consistent internal roof gap ambient temperature was more than 5C lower than those recorded with only PU foam.

As demonstrated in the following graphs the results are significant. Planet Supra provided a consistent reduction in both internal ambient and surface temperatures for both buildings which results in better working conditions, cost savings and long term carbon emission reductions. In fact, with Planet Supra 7-11 was able to announce a 0.4 ton reduction annually in CO2 emissions by painting just one location.

Daily temperature differences compared with ambient outdoors



Roof backside ambient temperature differences before and after painting with Planet Supra, during similar days



# PLANET SUPRA

Planet Supra is manufactured in Japan to the highest quality standards globally and is fully compliant with Japanese Material Safety Standards. It is also the world's first thermal barrier paint that is certified for carbon credits by Carbon Offset Japan (COJ).

- ✓ Makes buildings instantly energy-efficient
- ✓ High performance as per JIS R 3106:1998
- ✓ Certified solution to reduce CO2 emissions
- ✓ Easily applicable on all surfaces, without primer
- ✓ Non-inflammable, mold-free, crack-free
- ✓ Eco-friendly: water-based, VOC-free, ceramic-free
- ✓ More than 20 colors available, can be mixed with up to 10% water-based colorants