Thermal Barrier Paint cools truck for JVK Movers

Success story: Bangkok, Thailand, January 2010

***Photo**: trucks like this one are used to transport workers to job site. Their metal walls get very hot!*

JVK International Movers Ltd. leverages Planet Supra Thermal Barrier Paint to improve personnel working conditions.

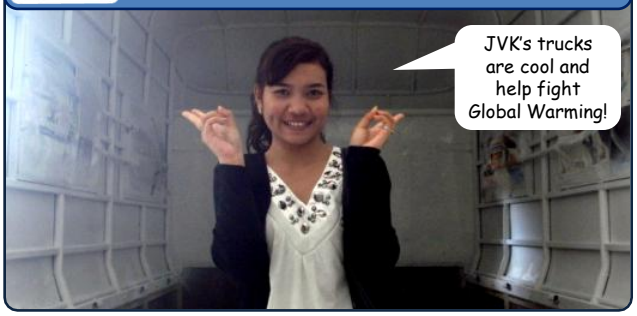
JVK's cargo trucks, when moving clients' furniture and equipment, are accompanied by workers travelling in light trucks converted to carrying passengers. The passenger compartment is made of non-insulated metal sheet and isn't air-conditioned: it gets really hot inside during long hauls in Thailand's warm weather.

To improve personnel's comfort and to reduce the company's carbon footprint pending ISO 14,000 certification, JVK painted a pilot truck with Planet Supra, reducing temperature on roof backside indoors by 18.5°C, even during January's mild weather.

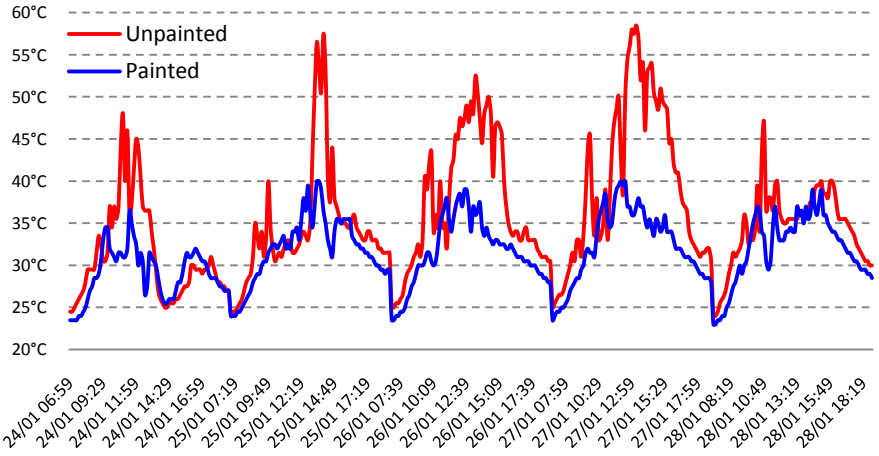
Daily average temperatures from 7am to 7pm, from Jan. 21st to Jan. 28th 2010, on roof backside indoors.

7am-7pm	Daily average			Maximum		
	Unpainted	Painted	Delta	Unpainted	Painted	Delta
21-Jan	31.04	29.24	-1.8°C	42.50	34.50	-8.0°C
22-Jan	29.50	29.48	-0.0°C	35.00	34.50	-0.5°C
23-Jan	30.52	29.47	-1.0°C	36.00	35.50	-0.5°C
24-Jan	31.17	29.05	-2.1°C	48.00	36.50	-11.5°C
25-Jan	34.48	31.95	-2.5°C	57.50	40.00	-17.5°C
26-Jan	37.46	31.65	-5.8°C	52.50	39.00	-13.5°C
27-Jan	40.01	32.43	-7.6°C	58.50	40.00	-18.5°C
28-Jan	34.56	32.06	-2.5°C	47.00	39.00	-8.0°C

0.1 Ton of carbon are offset per year by this project, for 10 years

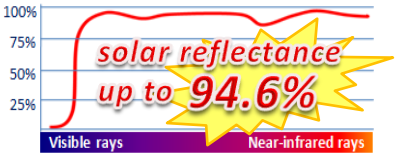


Temperatures recorded simultaneously from Jan. 24th until Jan 28th on a painted and an unpainted truck, from 7am to 7pm, on roof backside.



Thermal Barrier Paint data sheet:

- ✓ makes buildings instantly energy-efficient
- ✓ high performance as per JIS R 3106:1998(1)



- ✓ certified solution to reduce CO_2 emissions
- ✓ 10 years lifespan at full performance
- ✓ applicable directly on most surfaces
- ✓ non-inflammable, mold-free, crack-free
- ✓ water-based, VOC-free, 100% eco-friendly
- ✓ infinite number of colors available
- ✓ self-cleaning effect

(1) Japanese Industrial Standard

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