

# Performance comparison of energy saving paint -Temperature test with Lev lamp irradiation (inside room)-

Date: 23rd May 2013 (Thu) 14:00-15:00pm

Temperature: 30°C (Inside the room)

Test place: Office of a major construction company, Aichi, Japan

Test duration: 3 minutes

Irradiated side: Painted side

Tested point: A point of Front and back (Painted side, steel plate side)

Test device: Lev lamp (100W), touchable thermometer

Test method: Irradiating Lev lamp on the painted side for 3 minutes by 5cm distance. Checking the temperature of a point of front and back side of the steel plate.

Unit : °C

Product/Maker Irradiated point, tested point		<b>GAINA</b>	<b>A</b>	<b>B</b>	<b>C</b>
Steel plate side	①	65.8	60.5	72.7	72.1
	②	66.9	74.2	81.1	77.8
	③	72.3	82.5	83.3	76.6
	④	75.6	79.6	79.7	79.9
Average temperature		70.2	74.2	79.2	76.6
Product/Maker Irradiated point, tested point		<b>GAINA</b>	<b>A</b>	<b>B</b>	<b>C</b>
Painted side	①	64.1	70.9	66.3	78.8
	②	68.2	83.8	83.2	80.2
	③	67.9	85.6	83.7	79.1
	④	69.5	84.7	83.1	80.8
Average temperature		67.4	81.3	79.1	79.7