

# Heat shield sheet

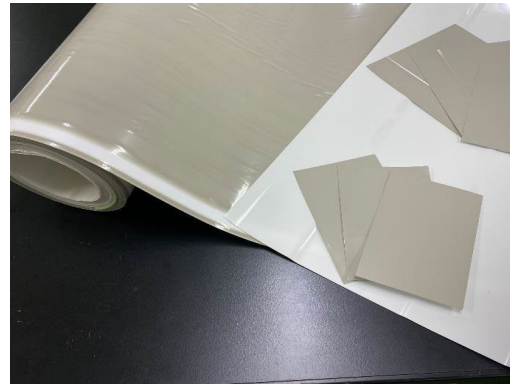
Patent

Suppresses internal temperature rise due to solar radiation just by pasting!!

Under

## Features

- Reworkable and easy to apply
- Uses an adsorption sheet that does not use glue to keep the contact surface clean
- High solar reflectance and high weather resistance  
Our thermal insulation paint: E18X-S150 series is used
- Before considering thermal barrier paint, you can conduct verification experiments with thermal barrier sheets.
- Environmentally friendly acrylic resin is used



## Application

Outdoor control panels, communication repeaters, power storage devices, air conditioner outdoor units, etc.

## Specification

Colour	Beige
Size (product width)	980mm (effective width 950mm) × 10M
Solar reflectance	88.0% (near-infrared wavelength 780nm to 2500nm)
Thickness	235μm

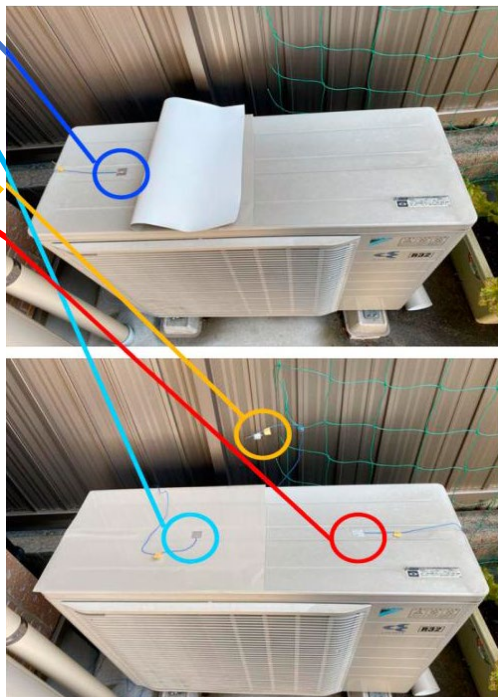
\*Please contact us for colors.

# Characteristic

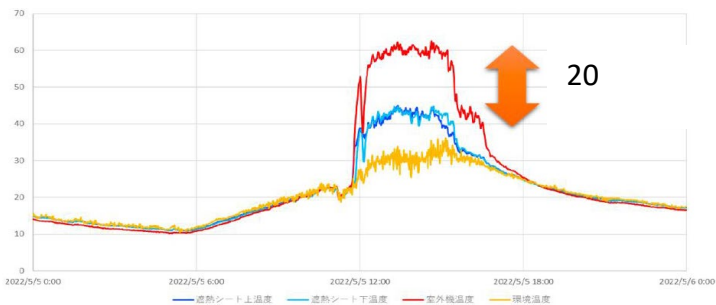
We compared the temperature of the outdoor unit with and without the heat shield sheet and found that there was a temperature difference of about 20°C. (measured in May 2022)

## Temperature measurement point

- Temperature under heat shield sheet  
(Outdoor unit temperature under heat shield sheet)
- Temperature on heat shield sheet
- Ambient temperature
- Outdoor unit temperature

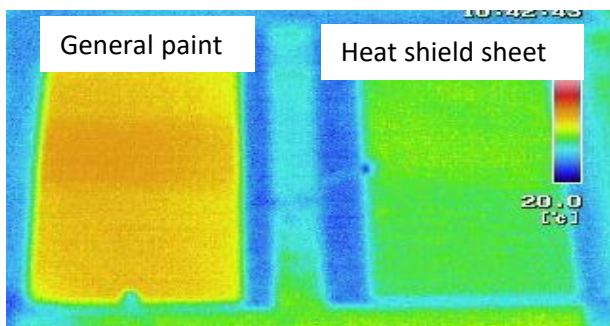
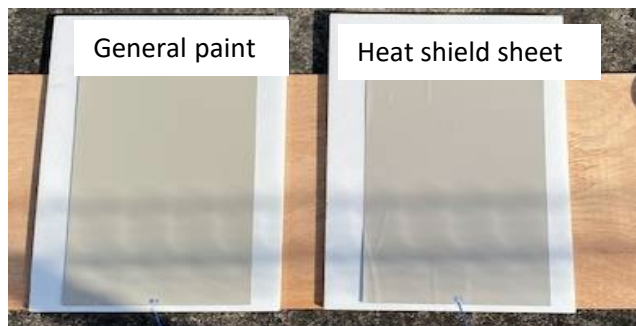


Verification of the effect of the heat shield



## Outdoor exposure test (implemented in March 2022)

Comparison between sample coated with general paint and sample coated with a heat shield sheet



The contents change without previous notice because of improvements and so on. Rev.01 300µm galvanized steel sheet