

## Standard Type Harmless Water-Soluble Coating



### Top coat for Interiors "VLAG" (visible light responsive powerful antibacteria type)

- This strongly reacts to room lighting (visible light) resulting effective in sterilization, deodorization, and air purification.
- Silver ion has been added so that the deodorization function can be maintained even during the night.
- In addition to interiors, this can be used as a topcoat for exterior walls that receive thin light.

※The certification of the Photocatalyst Industry Association Japan (PIAJ mark) is only obtained the test by ultraviolet light.

(1) Product Name	PALCCOAT VLAG		
(2) Photocatalyst Type	Titanium oxide material, Silver ion.		
(3) Photocatalyst Processed Portion	Wallpaper / Fibrous		
(4) Effect of the Photocatalyst	Measurement method is according to J I S R 1 7 0 1 - 2		
Air purification Effect: UV (Acetaldehyde)	Amount of Acetaldehyde Removed *1	1.37 $\mu$ mol/h	Using this product in an area of 1m <sup>2</sup> per 1m <sup>3</sup> of room volume can be expected to reduce acetaldehyde in the room air by 45% during the day.
	Measurement method is according to J I S R 1 7 0 1 - 4		
Air purification Effect: UV (Formaldehyde)	Amount of Formaldehyde Removed *2	0.45 $\mu$ mol/h	Using this product in an area of 1m <sup>2</sup> per 1m <sup>3</sup> of room volume can be expected to reduce acetaldehyde in the room air by 21% during the day.
	Measurement method is according to J I S R 1 7 0 1 - 2		
(5) Location Used	Indoors of houses and buildings where sunlight enters through windows		
(6) Safety	Acute oral toxicity, primary skin irritation, and mutagenicity have been confirmed to meet the safety standards set by the Photocatalysis Industry Association of Japan.		
(7) Cautions for Usage	If too much dirt is attached to a surface self-cleaning and antibacterial effect cannot be achieved, so regular cleaning is recommended.		

\*1 According to the certification criteria set by the Photocatalysis Industry Association of Japan is acetaldehyde removal amount of 0.17  $\mu$ mol / h or more. This value is the amount of acetaldehyde removed per 50 cm<sup>2</sup>, and the higher this value is the effect of reducing acetaldehyde in the room.

\*2 According to the certification criteria set by the Photocatalysis Industry Association of Japan is formaldehyde removal amount of 0.17  $\mu$ mol / h or more. This value is the amount of acetaldehyde removed per 50 cm<sup>2</sup>, and the higher this value is the effect of reducing acetaldehyde in the room.

\*Expressed accordong to the guidelines set by the Photocatalysis Industry Association of Japan.