

PALCCOAT VLAG obtained the Piaj air purifying (formaldehyde / acetaldehyde) certification.



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| (1) Product Name | PALCCOAT VLAG | | |
| (2) Photocatalyst Type | Titanium Dioxide, Silver ion | | |
| (3) Photocatalyst Processed Portion | Wallpaper · Fibrous | | |
| (4) Effect of the Photocatalyst | Air Purifying Effect: UV (acetaldehyde) | The measurement method conformed to JIS R 1702. | |
| | Acetaldehyde removal amount *1 | 1.37 μ mol/h | If this product is used in an area of 1m ² per 1m ³ of room volume, it can be expected to reduce the acetaldehyde in the room air by 45% during the day. |
| | Air Purifying Effect: UV (formaldehyde) | The measurement method conformed to JIS R1701-4. | |
| | Formaldehyde removal amount *2 | 0.45 μ mol/h | If this product is used in an area of 1m ² per 1m ³ of room volume, it can be expected to reduce the indoor air by 21% during the daytime. |
| | (5) Location Used | For the interior of houses and buildings where sunlight comes in through windows. | |
| | (6) Safety | We confirmed that it satisfies safety standards of the photocatalyst industry association concerning acute oral toxicity, primary skin irritation and mutagenicity. | |
| | (7) Cautions for Usage | If the surface is excessively dirty, the effect will not be worked well, so regular cleaning is recommended. In addition, the actual effect depends on the area where this product is used, the intensity of the ultraviolet light irradiated to this product, the volume of the room used, and the ventilation volume of the room used. | |

*1 The certification standard of the Photocatalyst Industry Association of Japan is acetaldehyde removal amount of 0.17 μ mol / h or more. This figure is the amount of acetaldehyde removed per 50cm², and the higher this figure, the higher the effect of reducing indoor acetaldehyde.

*2 The certification standard of the Photocatalyst Manufacturers Association Japan is a formaldehyde removal amount of 0.17 μ mol / h or more. This figure is the amount of formaldehyde removed per 50cm², and the higher this figure, the higher the effect of reducing formaldehyde in the room.

※Displayed in conformed with the labeling guidelines of the Photocatalyst Industry Association Japan.

[English]

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