

Technical Flyer

## Crayvallac® WN-1535: new versatile matting wax

Crayvallac® WN-1535 is a micronized modified wax compound suitable for use in a wide range of **water-based**, **solvent-based** and **solvent-free** coatings.

Crayvallac® WN-1535 is a formaldehyde-free **matting agent**

- Easily dispersed micronized powder
- Provides improved transparency and clarity
- Improves rub, abrasion and scratch resistance
- Improves anti-blocking and chemical resistance



### FORMULATION

Raw material	Quantity (%)
<b>Encor® 2180</b>	<b>66.3</b>
BYK-028	0.4
Deionized Water	15.6
Butylglycol	5.3
Dowanol DPnB	0.7
<b>Crayvallac® WN-1535</b>	<b>3.0</b>
Wax emulsion (55%)	2.1
Ammonia 25%	0.1
<b>Coapur™ 6050</b>	<b>1.5</b>
Deionized Water	5.0
<b>TOTAL</b>	<b>100</b>

## CRAYVALLAC® WN-1535

Strong  
matting

Easy to  
disperse

Scratch &  
abrasion  
resistance

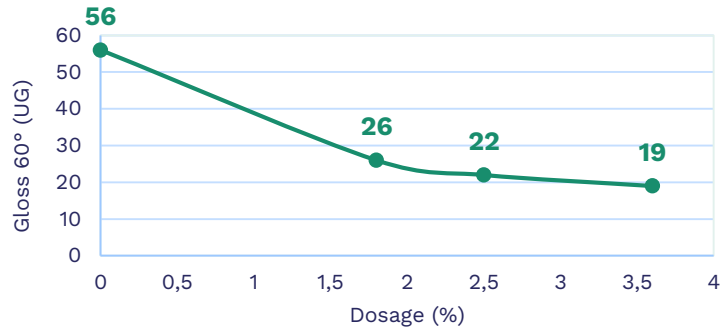
Good  
transparency

# Key benefits

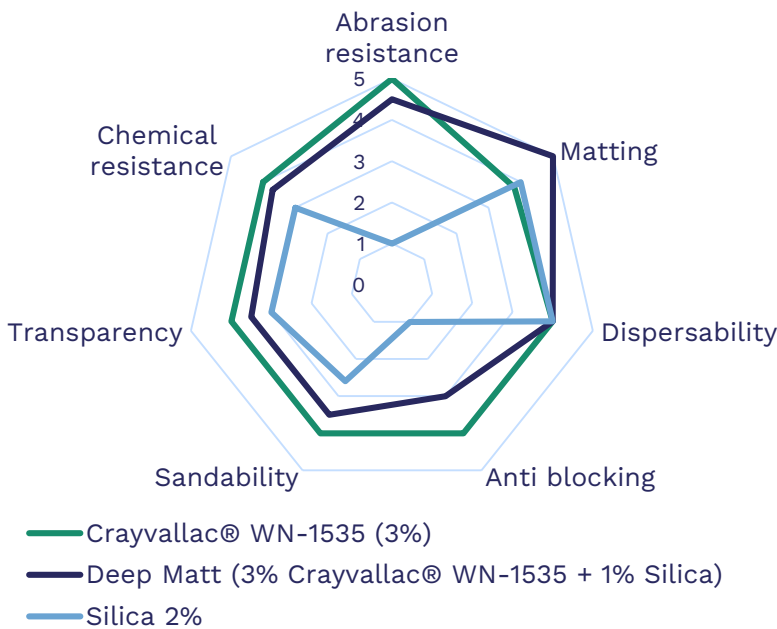
## MATTING EFFECT

Can achieve **excellent matting** effect alone by **adjusting the dosage**.

**Matting - 1K WB acrylic  
2 spray layers 120 g/m<sup>2</sup> on sapelly wood**



## Comparison in clear topcoats



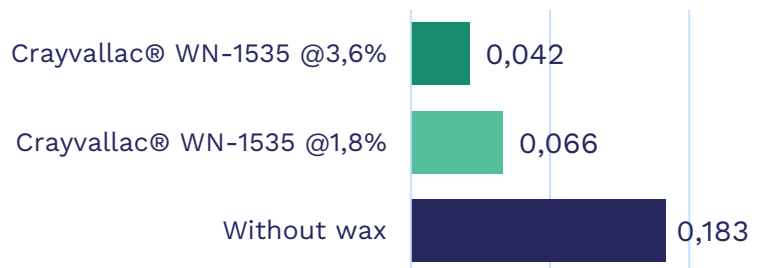
## COMPARISON IN CLEAR TOPCOATS

Very strong matting effect and **homogeneous deep matt** when combined with silicas.

## ANTI-ABRASION

Improves the **abrasion resistance** alone but also in combination with silicas.

**Taber test – Weight loss in g  
1K WB acrylic – 3 layers 120 g/m<sup>2</sup> on sapelly wood**



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