

Toners for whiter whites, bluer whites and better hiding whites

Color Solutions

Tint-Ayd® Toners

General Information

Use Vibrantz Technologies toners when yellowness of the initial product should be eliminated. A very small addition of toner already gives you a more blueish white undertone, which is much more pleasant for the eye.

Key Benefits

Tint-Ayd Toners are blends of finely dispersed, lightfast cyan and magenta pigments, which together exactly complement yellow to produce neutral grays. Small amounts of toner mask the initial yellowness of whites or the after-yellowing due to aging or overbake. Slightly higher amount of toner produces a warm, blue-white tone that is aesthetically more pleasing than the yellowish cast of untoned whites.

The Tint-Ayd toners also substantially increase the hiding power of whites, at the least possible loss of reflectance.

Applications

With our 3 different products a vast array of different coating chemistries can be toned. There is an universal toner (UL 20-12) for water based and solvent-based coatings, an alkyd based toner (AL 234A) and one for pure water based formulations (WD 2018).



Usage

In general the amount of toner needed is low. In case the toner is used to mask the yellowness, the addition level depends on the yellowness that needs to be masked. To increase hiding power, an addition of 0,1% toner or less will typically increase the hiding of untoned whites by 10-15%. Or maintains the hiding level of untoned whites with 10-15% less Titanium Dioxide.

The shelf life of the water-based Tint-Ayd Toners is 18 months and 24 months for the AL 234A.

Our Services

As a frontrunner in integrating tinting solutions, Vibrantz Technologies provides excellent service in the set-up of your tinting systems as well as smooth colorant technology conversions. Our technical support includes:

- Assurance of colorant and base paint compatibility
- System design, optimization and pigment selection
- Color matching and database development
- Equipment compatibility and sales support

Stringent production controls and processes ensure that all colorants are manufactured to rigid specifications for color shade, strength and rheology. The end result is assured color accuracy and reproducibility.

Name	Pigment %	VOC [g/l]	Density of Colorant (kg/m ³)
AL 234A	4	<300	930
UL 20-12	2,5	<1	1040
WD 2018	3	<1	1100

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