

## + Tint-Ayd® Toners

### Toners for whiter whites, bluer whites and better hiding whites

Use Chromaflo 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 untuned whites.

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

#### ► Applications

We have 3 Tint-Ayd® Toner product for coating applications and one additional Toner to be used in polyester formulations. The 2 water based Tint-Ayd® Toners differ in compatibility as well as in color tone. The UL 20-12 is a universal Toner for water based and solvent based coatings whereas the WD 2018 is compatible only in water based formulations. The tint of the WD 2018 is slightly more blueish in comparison with the UL 20-12 which needs to be considered too when selecting a toner for your water based coating formulations. In the table the various application areas are given for each Toner.

#### ► 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 untuned whites by 10-15%. Or maintains the hiding level of untuned whites with 10-15% less Titanium Dioxide.

The water based Tint-Ayd® Toners are having a shelf life of 18 months and for the Polyester and Alkyd based Toners the shelf life is 24 months.

All Toners are supplied in 10 kg pail.

#### ► Our Services

As a frontrunner in integrating tinting solutions, Chromaflo 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	Application	Pigment %	VOC (g/l)	Density of Colorant (kg/m3)
Tint-Ayd® AL 234 A	Solvent based alkyds	4	< 300	950
Tint-Ayd® UL 20-12	Water based coatings and solvent based alkyds	3	< 1	1100
Tint-Ayd® WD 2018	Water based coatings	3	< 1	1100
Plasticolors CF-36155	Unsaturated Polyester	3	< 1	1048