

Color Range



Disclaimer : This is a guidance shade card only. Test before use. No warranty for damages of any form at your end including third party protective rights. We assure consistent quality of our products only. Subject to Pune (India) Jurisdiction only.

FFAQ Series

Water soluble Fluorescent Toners :

Radiance FFAQ series is a very unique water soluble fluorescent ink system which is completely Formaldehyde free.

FFAQ series gives us excellent film forming properties, glass and color strength.

Product Description :

Nature :

Completely soluble in alkaline water, with addition of little ammonia and Alcohol, FFAQ series gets completely soluble in water.

Transparent in nature with very good light fastness.

Radiance fluorescent color pigments and toners as such are not classified in the Color Index (C.I)

Physical Properties and Light Fastness :

Particle size	Above 50 microns
Melting Point	90°c – 110°c
Solubility	Soluble in Alkaline water

Light Fastness :

FFAQ series exhibits superior light fastness for indoor applications.

However light fastness can be improved by addition of UV absorbers in the final ink preparation.

Please do not compare shades obtained with the same color with different resin combinations. This is because their refractive indices are different, hence shade variations is observed.

Typical formulation for making water based ink using FFAQ :

1.	Water	40 parts
2.	Ammonia-liquor (about 30 – 35%)	12 parts
3.	Iso propyl Alcohol - IPA	18 parts
4.	FFAQ toner (Dry powder)	30 parts
Total With Water Make		100 parts

Important Instructions :

Add FFAQ series powder (dry) gradually to avoid formation of lumps.

Restrict temperature maximum between 55°c – 60°c.

Prepare the ink keeping the PH between 7.5 to 8.0 only. If this PH range is not observed unstable solution and color shift is possible.

Filter to separate undissolved particles.

Storage :

FFAQ series should always be stored in a sealed container.

Completely avoid storing in direct sunlight, heat and humidity.

Applications :

Water based Flexographic and Gravure ink formulations

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