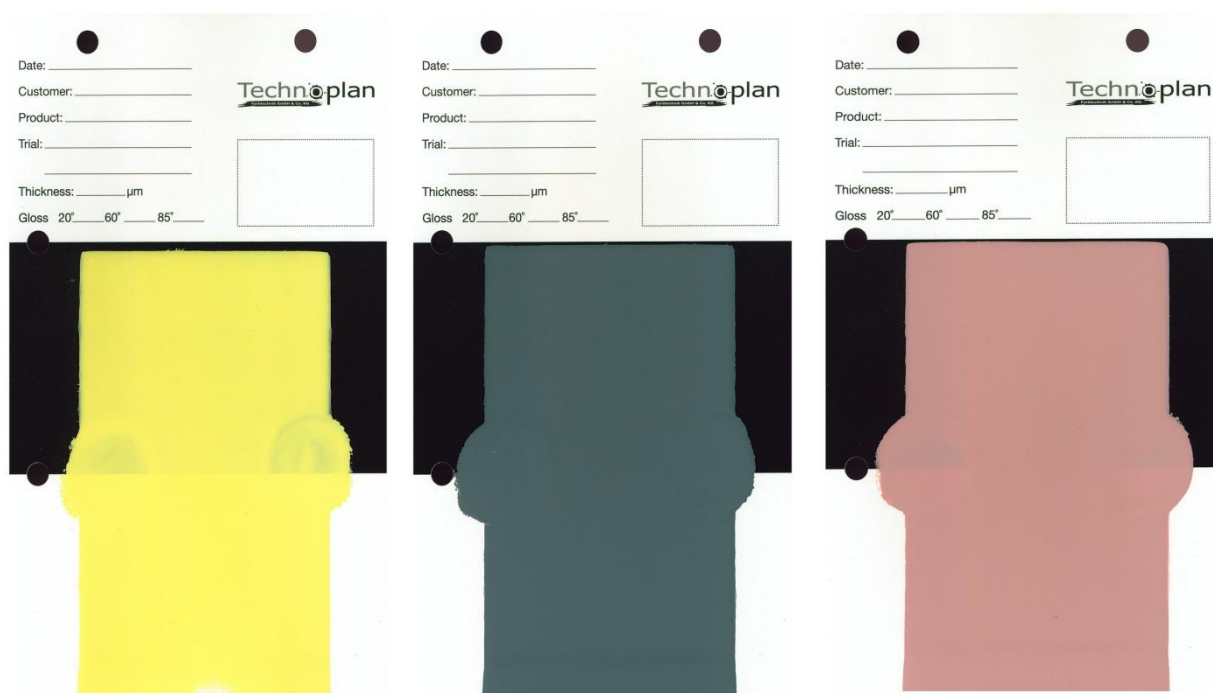


ADD additives presents a new product with unique features:

**ADD-6245** is a specially designed fatty acid polymer dispersing additive which is perfect to produce VOC free universal colorant systems. **ADD-6245** is 100% active, easy pourable & pumpable liquid and is VOC-Free.



(80% transparent alkyd paint adding 18 % TiO<sub>2</sub> colorant & 2% Yellow or Black or Red Iron oxide colorant all based on **ADD-6245**. Formulations are mentioned in the table on p.2 marked in orange.)

**VOC free universal colorants based on ADD-6245 tested in a transparent alkyd paint. Left side draw down colorants are handed stirred in the base paint and right side of draw down, base paint with colorants has been shaken with a scandex before applying.**

**ADD-6245** stabilizes organic and inorganic pigments and extenders in water- and solvent based systems, especially in decorative coatings. In addition, it makes polar ingredients of universal colorants more compatible with non-polar solvent-based paints into which they may be incorporated.

This results in:

- Maximum colour development of the colorant based on **ADD-6245**
- Higher pigment loading in colorants
- Optimum colour acceptance of universal colorants in the bases

When used in colorants or water-based systems, **ADD-6245** should be neutralized to pH 8.0-8.5 in order to reach the lowest viscosity and best performance. **ADD-6245** should be incorporated in the mill-base before adding the pigments.

**For universal colorants** : **5.0-10.0%** on inorganic pigments

: **10.0-20.0%** on organic pigments

**Post-addition in bases** : **0.5-1.5%** on total base weight

*Decorative paints, water- and solvent-based* **Guide formulations**  
**for universal VOC-/APE-free Pigment Concentrates**  
**based on ADD-6245**

	Kronos 2310	Bayferrox Yellow 3910	Bayferrox Red 130M	Irgazin Yellow 2094	Lamp Black 101	Special Black 100	Irgalite Yellow GO
1) PEG 300	12.0	12.0	12.0	12.0	10.0	10.0	10.0
2) <b>ADD-6245</b>	6.5	5.0	5.5	6.0	7.5	8.0	6.5
3) Demi-water	19.8	27.5	17.9	20.95	50.6	50.55	42.1
4) NaOH (25% in H <sub>2</sub> O)	1.0	0.8	0.8	0.8	1.1	1.2	1.0
5) Bentone 27	0.3	0.3	0.4	-	0.4	-	-
6) Pigment	60.0	54.0	63.0	60.0	30.0	30.0	40.0
7) <b>ADD-2524</b>	0.3	0.3	0.3	0.15	0.3	0.15	0.3
8) Mergal V684K	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Irgazin Yellow 2RLT	Irgazin Orange 2037	Irgazin Red 2030	Cromophtal Violet GT	Cinquasia R RT 101 D	Irgalite Blue PG	
1) PEG 300	12.0	10.0	12.0	10.0	10.0	10.0	
2) <b>ADD-6245</b>	6.2	9.5	9.8	10.0	10.0	10.0	
3) Demi-water	42.4	45.85	46.6	52.6	55.1	39.1	
4) NaOH (25% in H <sub>2</sub> O)	1.0	1.4	1.2	2.0	1.5	1.5	
5) ASP 170	-	-	-	15.0	8.0	-	
6) Pigment	38.0	33.0	30.0	10.0	15.0	39.0	
7) <b>ADD-2524</b>	0.3	0.15	0.3	0.3	0.3	0.3	
8) Mergal V684K	0.1	0.1	0.1	0.1	0.1	0.1	
Total	100.0	100.0	100.0	100.0	100.0	100.0	