

# U-BLEND COLORANTS

## Universal Series 111



WE HELP  
CREATING A VALUE CHAIN  
THROUGH COLORS



**ZUGER CHEMIE™ GmbH**  
Chemical Technology Engineering & Marketing

## WE HELP CREATING A VALUE CHAIN THROUGH COLORS

U-BLEND® UNIVERSAL COLORANTS SERIES 111 are binder free, VOC<sup>[1]</sup> and APE Free, and yet Formaldehyde Free so to meet the strictest international health and environmental regulations.

High pigment loading provides optimal color strength obtaining a cost competitive formulation.

U-BLEND® Series 111 goes beyond any conventional tinting system by providing excellent weather fastness performance supporting exterior coatings.

U-BLEND® Series 111 colorants are specifically designed for use in automatic dispensers. Their specific and controlled rheology avoids the typical clogging problems of most conventional low VOC colorants. Their rheological properties help achieving accuracy in dispensing avoiding frequent machines calibrations. The different pigment combinations allow color matching the latest color trends and any institutional fan-deck available on the market.

Great compatibility with a wide range of products in water based and solvent based paints without compromise. Its modular options offer the possibility to extend the range to additional pigments providing further exterior performance on façade with professional product lines or a quick implementation in In-Plant dispensing or production.

### RECCOMENDATION FOR USE:

- |                       |               |                        |
|-----------------------|---------------|------------------------|
| - Latex paints        | - Plasters    | - Siloxanes            |
| - Masonry paints      | - Silicates   | - Silicone             |
| - Cementitious paints | - Lime        | - Short/Med. Oil Alkyd |
| - Long Oil Alkyds     | - Epoxy based | - Wood Primers         |

U-Blend colorants are suitable through its different modules both in retail and in-plant production.

We can also help to integrate our colorants into existing tinting systems by matching current customer 'standards.

Zuger Chemie provides to its customers paint products calibration services and color tailor made marketing tools (color fans, color brochure) as part of our integrated Color System proposal.

---

<sup>[1]</sup> As defined in EU directive 2004/42/EC, annex II, phase II. VOC standards and regulations vary by location.

Code	Color	Color Index	Pigment content	Specific gravity	Full shade	Reduction	Full shade	Reduction	Acid	Alkali
<b>U-BLEND® STANDARD MODULE</b>										
YOX	YELLOW OXIDE	PY42	62%	1,69	8	8	5	5	5	5
ROX	RED OXIDE	PR101	65%	1,98	8	8	5	5	5	5
ORI	ORANGE INTERIOR	PO34	40%	1,17	7-8	6-7	4	3	5	4
ULB	ULTRA BLUE	PB15:3	25%	1,17	8	8	5	5	5	5
GRE	PHTALO GREEN	PG7	45%	1,29	8	8	5	5	5	5
WHT	TITAN WHITE	PW6	70%	2,08	8	8	5	5	5	5
BLK	BLACK OXIDE	PBK11	50%	1,40	8	8	5	5	5	5
YLW	ORGANIC YELLOW	PY74	20%	1,13	7	6-7	4-5	3	5	5
REE	RED EXTERIOR	PR254	35%	1,20	8	8	5	5	5	5
MGT	MAGENTA	PR122	20%	1,15	4-5	5	4	4	5	5
CYL	COLD YELLOW	PY3	20%	1,21	7-8	7	4	4	5	4
VLT	VIOLET	PV23	15%	1,15	7-8	7	4-5	4	5	5
<b>U-BLEND® EXTERIOR MODULE</b>										
ORE	EXTERIOR ORANGE	PR188/PY110	40%	1,21	8	8	5	5	5	5
BIV	BiVA YELLOW	PY184	50%	1,97	8	8	5	5	5	5
CBL	COBALT BLUE	PB36	62%	1,56	8	8	5	5	5	5
GOX	GREEN OXIDE	PG17	65%	2,00	8	8	5	5	5	5
<b>U-BLEND® IN-PLANT MODULE</b>										
BOX	BROWN OXIDE	MIX	45%	1,52	8	8	5	5	5	5
DBL	DEEP BLUE	PB15:3	45%	1,20	8	8	5	5	5	5
VLS	VIOLET STRONG	PV23	60%	1,50	7-8	7	4-5	4	5	5
YEE	YELLOW EXTERIOR	PY154	40%	1,17	5	4-5	8	8	8	8
IYL	INTERIOR YELLOW	PY74	46%	1,20	7	6-7	4-5	3	5	5
PMG	PINK MAGENTA	PR122	30%	1,12	4-5	5	4	4	5	5

The data presented in this table are meant to provide a general indication and do not represent quality relevant average values. The Color Index data relate to the basic pigments.

Product specific VOC information is available to customers upon request. It is the responsibility of the coatings manufacturer to determine standard compliance and appropriate claim for their products.

## U-BLEND® UNIVERSAL SERIES 111

### Advantages:

- a modular configuration to include exterior high-performance pigments
- a wide product compatibility with water and solvent based paints
- special inorganic and mineral pigments
- cost competitive and smart color formulation for interior/exterior paints
- colorants are suitable for tinting equipment retail and in-plant
- controlled rheology, color strength, tone guarantee color accuracy
- We offer a 360°-degree Solution with Pigments - Machines - Color Marketing Tools - Software

### Service and Experience in Color Matching:

- over 35 years in tinting systems and colorant production
- color services provided to optimize tinting system
- tinting system integration with existing color systems
- interface with most common Color Matching Software packages



**ZUGER CHEMIE™ GmbH**  
Chemical Technology Engineering & Marketing

**Zuger Chemie GmbH**  
Dammstrasse 19 | Zug 6300 | Switzerland  
[info@zugerchemie.com](mailto:info@zugerchemie.com) | +41.79.354.3343

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Zuger Chemie GmbH makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency, or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Zuger Chemie GmbH's products for its application. \* Nothing included in this information waives any of Zuger Chemie GmbH's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Zuger Chemie GmbH products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Zuger Chemie GmbH at [info@zugerchemie.com](mailto:info@zugerchemie.com)

COPYRIGHTS: ZUGER CHEMIE GmbH