

DYESTUFFS



International
ITALIAN LEATHER TECHNOLOGY

FGL International
WET PHASE DIVISION

FINIKEM
FINISHING DIVISION

VALASOLID
VALASET
VALASOFT





Anionic dyes

The ranges of anionic dyes Valasolid, Valaset, and Valasoft ensure standardization of dyeing in the wet phase for better coverage of defects, higher dye yield, and bright colors.

The dyes in the Valasolid, Valaset, and Valasoft ranges, due to their behavior and characteristics, minimize color differences and optimize relative affinity and hydrophilic–hydrophobic balance for better dyeing uniformity among each leather treated.

VALASOLID

Anionic dyes selected for high fastness suitable for all types of leather.

VALASET

Anionic metal complex dyes with excellent fastness that, by combining similar affinities, provide superior results, maximizing color penetration and distribution.

VALASOFT

Dispersed anionic dyes designed for achieving pastel shades.

QUALITY AND INNOVATION:

Quality Control:

Continuous Research and Development:

Color Matching:

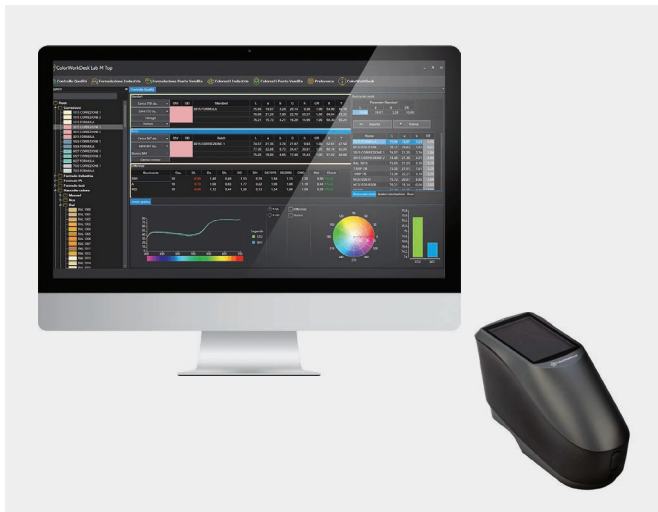
Rational Selection of Shades:

Rigorous analysis ensure consistent quality.

To meet market needs while prioritizing regulatory considerations.

Facilitates precise color reproduction, guided by expert interpretations.

The range of dyes ensures a rational selection of shades, vital for managing process variables in tanneries.



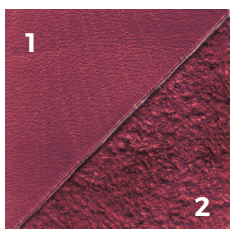
The **Color Matching System**, also known as colorimetry system, is a cutting–edge tool for the dyeing process, utilized in all sectors where dyes and pigments are applied. The complex nature of leather necessitates specific adaptations and a know–how developed through internal research and ongoing field tests.

At FGL International, we operate with a specialized team in dyeing and colorimetry, as well as an analysis laboratory equipped with a spectrophotometer for evaluating the concentration of each color and equipped with a colorimeter. This folder is designed to be a useful tool for our clients, facilitating the use of FGL International dyes in the dyeing process for a wide range of leather articles.

SAFETY DURING USE:

When handled correctly during use and storage, these products pose a low risk to health. We recommend consulting safety data sheets for more precise information on the nature of risks and safe handling of the products.

NOTES Each individual dye is illustrated in various applications as follows




























1) Full–grain calf leather chrome–tanned at 6% based on dry weight.

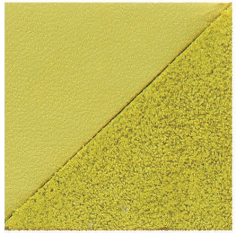
2) Split Suede chrome–tanned at 6% based on dry weight.



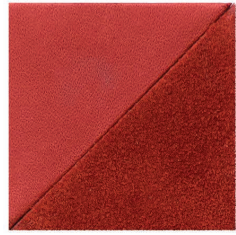
Non–metal complex dyes suitable for the production of ‘metal–free’ articles.

VALASOLID	Metal free	SOLIDITY									
		Light fastness (IUF 402)	PVC (IUF 442)	Wash fastness (IUF 423)		Perspiration fastness (IUF 426)		Penetration	Solubility (IUF 201)	Metals present	
				WO	CO	WO	CO				
1	YELLOW 5GN		4	5	5	4/5	4	3/4	3/4	50	
2	YELLOW 3R		3/4	4/5	5	4	3/4	3/4	4	30	
3	ORANGE 2G		4/5	5	4	4/5	3/4	3/4	2/3	70	Cr
4	ORANGE 3H		4	5	4/5	2/3	4	2/3	2/3	50	
5	ORANGE GSP		3	4/5	3/4	3	4	3/4	2/3	50	
6	RED NC		2	4	4/5	3/4	2	2	2/3	30	
7	RED XG		4/5	4/5	4/5	4/5	2/3	3	3	50	
8	RED XR		3/4	4/5	4	3/4	2	3	3	50	
9	RED 3XB		3	4/5	3	3/4	1/2	3	3	50	
10	RED CB		3/4	5	3/4	4	4	4/5	3	60	
11	BORDEAUX RV7		3	5	2/3	2/3	3/4	4	3	10	Cr
12	BORDEAUX MS		3	4/5	2/3	4	2	2/3	3/4	70	
13	VIOLET RW		3/4	5	4	4/5	3/4	4/5	3	40	
14	TURQUOISE LB		3	4/5	5	4	3	2/3	3	50	Cu
15	BLUE FN		2	4/5	3	3	3/4	3/4	4	60	
16	POLAR BLUE BP		5	4	3	3	4	4	4	30	
17	BLUE DBR		5	5	5	4/5	4	3/4	4	100	Cr
18	DARK BLUE D2N		4	4	3/4	4/5	2	3	3	40	Cr
19	DARK BLUE 5R		2/3	4	2/3	4	3	4/5	3	50	
20	GREEN 2SC		2	3	5	5	1/2	3	3	50	
21	GREEN 5GB		4/5	5	3/4	4	4	4/5	2/3	70	Cu
22	GREEN 4BT		5	5	4/5	4/5	3	3	4	65	Co
23	GREEN DG		3	4/5	4/5	3/4	3	2/3	3	60	
24	OLIVE N		4	4	3/4	3/4	3/4	3	3	50	Cr
25	OLIVE CS		3/4	3	5	4/5	3/4	4	3	40	Cr
26	BROWN 2H		3	3/4	5	4	2/3	3	4	30	
27	BROWN GO		5	5	4/5	4/5	3/4	3/4	3	30	Co
28	BROWN 5G		3/4	4/5	4/5	4	3	2/3	3	75	Fe
29	BROWN GH		3	4/5	5	3	3	3	3	30	
30	BROWN GLN		4/5	5	3	4/5	3	3	4	50	Cr
31	BROWN RLN		4/5	5	3/4	4/5	3/4	3/4	3	50	Cr
32	BROWN ESH		2/3	5	5	3/4	2/3	3	4	50	
33	BROWN FR		4	4/5	3/4	3	3/4	3	3	20	Cu
34	BROWN N2L		3	5	1/2	4	3	4	4	40	Fe
35	BROWN DNG		4	4/5	3	4/5	4/5	4/5	4	40	Fe
36	BROWN MST		3	4/5	4/5	3/4	3/4	2/3	4	35	Cr
37	BROWN BSG		2	2	2/3	2/3	2	2	4/5	50	
38	BROWN BRN		3/4	3	2/3	4	3/4	4/5	4	50	
39	BROWN RD		4	4	4	4/5	2	2/3	3/4	50	Cr
40	BROWN LNG		4	4	4	4	3/4	3/4	2	40	Fe
41	BROWN CMR		4	2	4/5	4	3/4	3/4	2/3	40	Co, Cr
42	BROWN ZR		3/4	5	5	3	2/3	2	3	40	
43	GREY NG		4	5	4/5	4/5	4	4/5	3/4	70	Cr
44	GREY CL		5	4/5	4/5	4	4	3/4	3	100	Cr
45	BLACK CR		5	4/5	4/5	4/5	4/5	3/4	3	75	Cr
46	BLACK MCF		3/4	4/5	4	3/4	3/4	3	3/4	50	
47	BLACK PX		3/4	4/5	4	3/4	3/4	3	3/4	60	
48	BLACK P CONC		4	4/5	4	3	3	4	3/4	70	

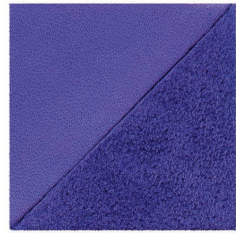
VALASOLID



YELLOW 5GN



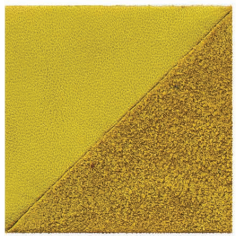
RED XG



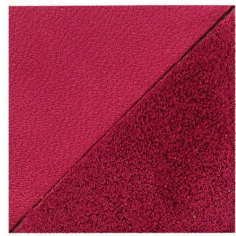
VIOLET RW



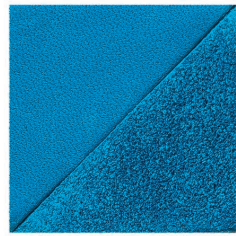
DARK BLUE 5R



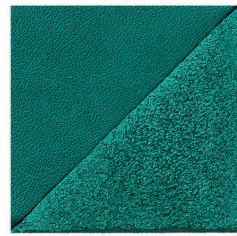
YELLOW 3R



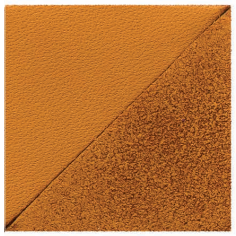
RED XR



TURQUOISE LB



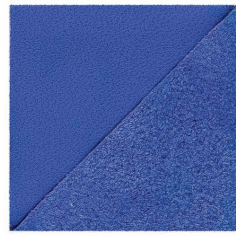
GREEN 2SC



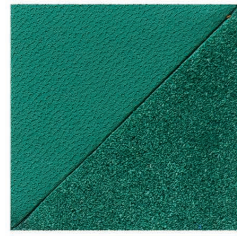
ORANGE 2G



RED 3XB



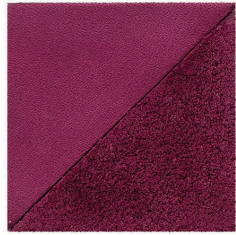
BLUE FN



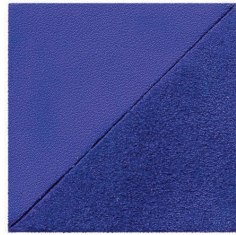
GREEN 5GB



ORANGE 3H



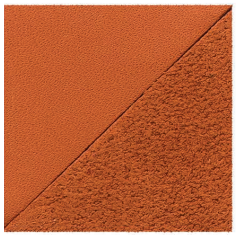
RED CB



POLAR BLUE BP



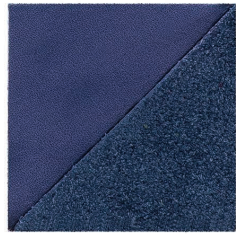
GREEN 4BT



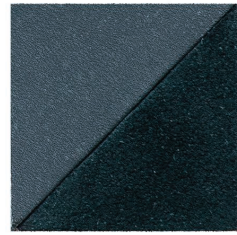
ORANGE GSP



BORDEAUX RV7



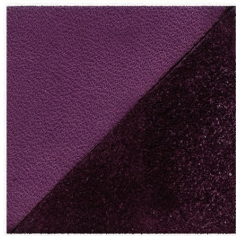
BLUE DBR



GREEN DG



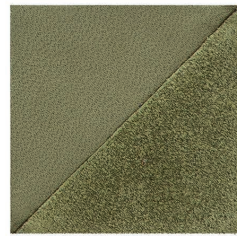
RED NC



BORDEAUX MS

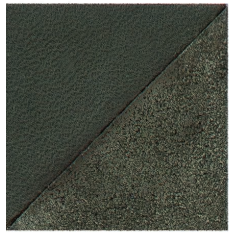


DARK BLUE D2N



OLIVE N

VALASOLID



25

OLIVE CS



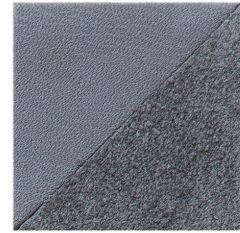
31

BROWN RLN



37

BROWN BSG



43

GREY NG



26

BROWN 2H



32

BROWN ESH



38

BROWN BRN



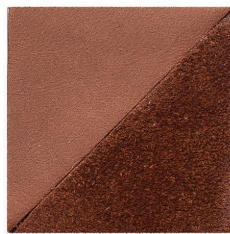
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GREY CL



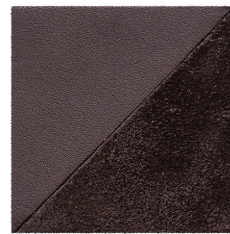
27

BROWN GO



33

BROWN FR



39

BROWN RD



45

BLACK CR



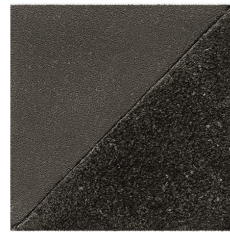
28

BROWN 5G



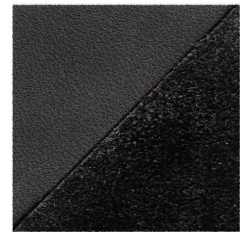
34

BROWN N2L



40

BROWN LNG



46

BLACK MCF



29

BROWN GH



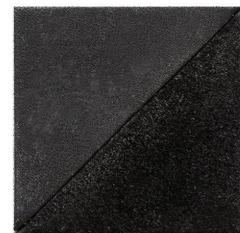
35

BROWN DNG



41

BROWN CMR



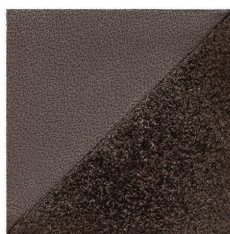
47

BLACK PX



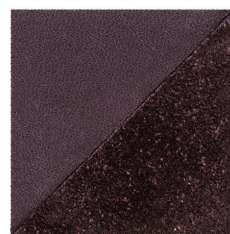
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BROWN GLN



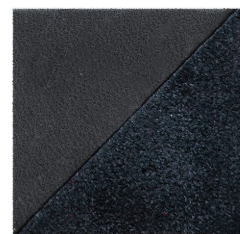
36

BROWN MST



42

BROWN ZR

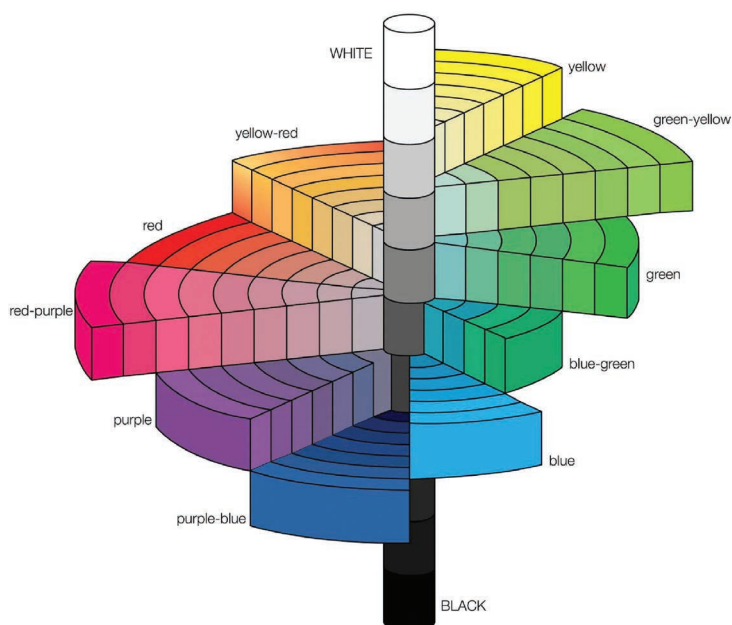


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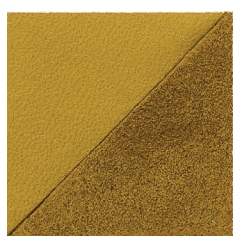
BLACK P CONC.



VALASET

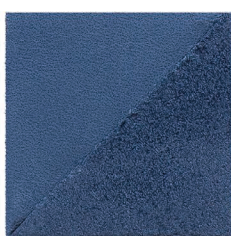


VALASET	SOLIDITY							Solubility (IUF 201)	Metals present
	Light fastness (IUF 402)	PVC (IUF 442)	Wash fastness (IUF 423)		Perspiration fastness (IUF 426)		Penetration		
			WO	CO	WO	CO			
49 YELLOW O-HF	4/5	5	4/5	4/5	3	4	2/3	60	Co
50 RED A-HF	4/5	4/5	5	5	3	3	2/3	50	Cr
51 BLUE N-HF	4	4/5	5	5	3/4	2/3	2/3	50	Cr
52 BROWN T-HF	4/5	4	4	4/5	3	3/4	2/3	70	Cr
53 DARK BROWN C-HF	4/5	4	4	4/5	3	3/4	2/3	60	Cr
54 BLACK R-HF	4/5	3/4	3/4	3/4	3/4	4/5	2/3	75	Cr



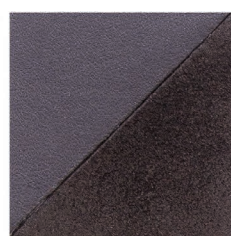
49

YELLOW O-HF



51

BLUE N-HF



53

DARK BROWN C-HF



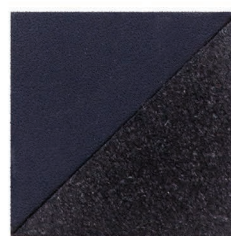
50

RED A-HF



52

BROWN T-HF



54

BLACK R-HF

VALASOFT



55

LEMON



58

WALNUT



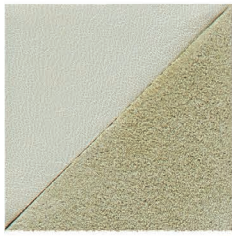
61

PINK



64

GREEN



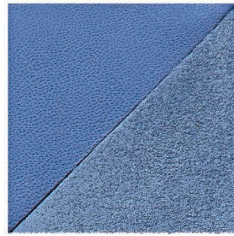
56

YELLOW



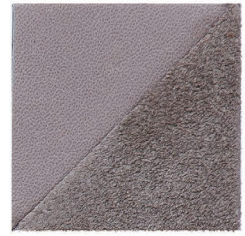
59

POWDER PINK



62

BLUE



65

TAUPE



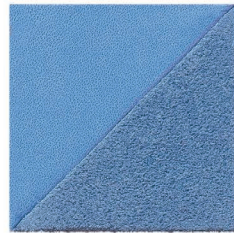
57

SAND



60

SALMON



63

SKY-BLUE



66

GREY

SOLIDITY

VALASOFT	Metal free	Light fastness (IUF 402)	PVC (IUF 442)	Wash fastness (IUF 423)		Perspiration fastness (IUF 426)		Penetration	Solubility (IUF 201)	Metals present	
				WO	CO	WO	CO				
				55	LEMON		4				4
56	YELLOW		3/4	4	5	4	4	4	4/5	70	
57	SAND		4/5	4	4	4/5	4/5	4/5	4/5	70	Fe
58	WALNUT		4	4/5	4/5	2/3	4	4	5	70	Cr
59	POWDER PINK		4/5	4/5	3/4	3	4	4	5	70	Cr
60	SALMON		2/3	4/5	4/5	3/4	4	3/4	4/5	70	
61	PINK		2/3	4	4/5	4/5	4/5	4	4/5	70	
62	BLUE		2/3	4/5	4	3/4	4/5	4	4/5	70	
63	SKY-BLUE		3	4/5	3	3/4	4	3/4	4/5	70	
64	GREEN		4/5	4	3/4	4	4/5	4	5	70	Cu
65	TAUPE		3/4	4	2/3	2/3	3	3	5	70	Cr
66	GREY		4	4/5	2/3	4	4/5	4	5	70	Cr

The information provided in this document is based on our current knowledge and comes from tests conducted in our laboratories, but the conditions under which they are performed by the user in their own company may vary. FGL International solely guarantees that the quality of the dye supplied always meets the standard supply values. FGL International disclaims any responsibility as it is not aware of the type of technologies and products used before, during, or after the application of the supplied dyes. Product specifications are available upon request.

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