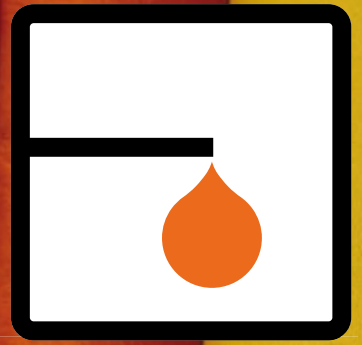
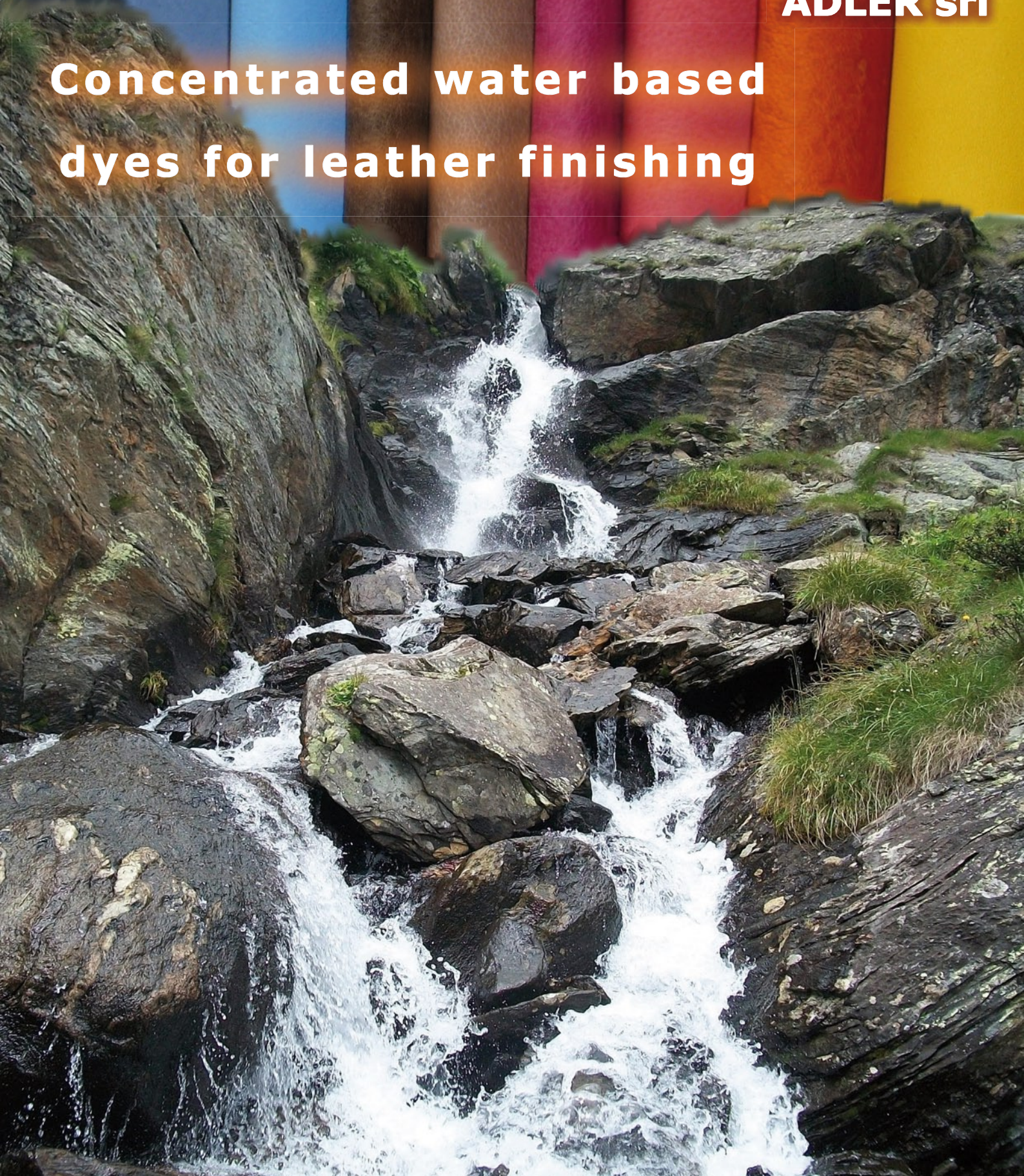


LGW



ADLER srl

**Concentrated water based
dyes for leather finishing**



(EN) Following leather samples are obtained by applying 20 g/ft² of the corresponding diluted LGW and they have only indicative value.
 (IT) I seguenti campioni di pelle sono ottenuti applicando a spruzzo 20g/ft² del corrispondente LGW diluito e hanno valore indicativo.
 (ES) Las siguientes muestras de piel han sido obtenidas mediante la aplicación de 20 g/ft² del correspondiente LGW diluido y sólo tienen un valor indicativo.

Top grain leather
 Campione di pelle pieno fiore
 Muestra de piel natural

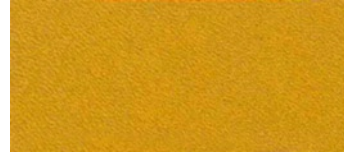


A 1:10

B 1:10

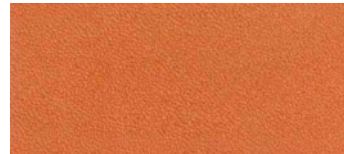
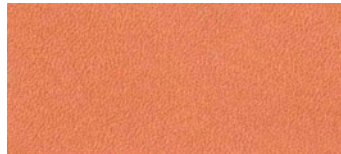
LGW18

Concentrate Yellow RL
 Concentrato Giallo RL
 Concentrado Amarillo RL



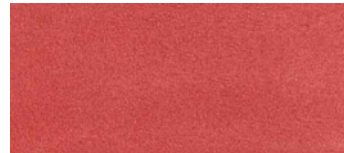
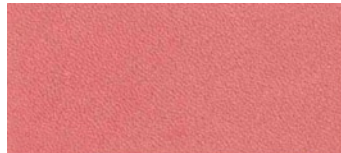
LGW23

Concentrate Orange 2R
 Concentrato Arancio 2R
 Concentrado Naranja 2R



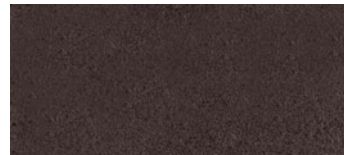
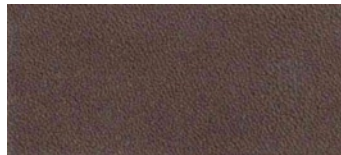
LGW28

Concentrate Red GL
 Concentrato Rosso GL
 Concentrado Rojo GL



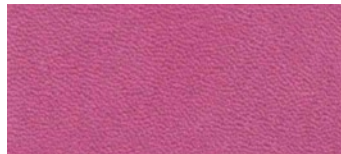
LGW35

Concentrate Brown BL
 Concentrato Bruno BL
 Concentrado Pardo BL



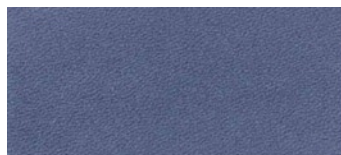
LGW29

Concentrate Bordeaux RB
 Concentrato Bordeaux RB
 Concentrado Bordeaux RB



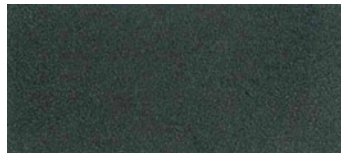
LGW08

Concentrate Blue MRB
 Concentrato Blu MRB
 Concentrado Azul MRB



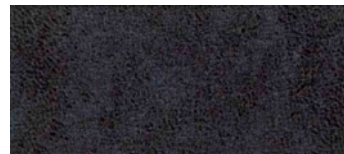
LGW60

Concentrate Black NT
 Concentrato Nero NT
 Concentrado Negro NT



LGW40

Concentrate Black M-SRL
 Concentrato Nero M-SRL
 Concentrado Negro M-SRL



- (EN) (A) Top grain leather, sprayed with 5% LGW diluted into ethanol / water solution.
 (B) Top grain leather, sprayed with 5% LGW diluted into water based final fixing / water.
 (IT) (A) Campione di pelle pieno fiore, tinteggiata a spruzzo con LGW al 5% in soluzione etanolo / acqua.
 (B) Campione di pelle pieno fiore, tinteggiata a spruzzo con LGW al 5% in soluzione fissativo finale all'acqua / acqua.
 (ES) (A) Muestra de piel natural, pulverizada con LGW al 5% en etanol y agua.
 (B) Muestra de piel natural, pulverizada con LGW al 5% en solución fijador final y agua.

(EN) COMPATIBILITY WITH THINNERS (IT) COMPATIBILITÀ CON DILUENTI (ES) COMPATIBILIDAD CON DILUYENTES

LGW series	LGW08 Blue		LGW18 Yellow		LGW23 Orange		LGW28 Red		LGW29 Bordeaux		LGW35 Brown		LGW40 Black		LGW60 Black			
	0	1	7	0	1	7	0	1	7	0	1	7	0	1	7	0	1	7
Time (day)	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔
Water 3°F (Ec 231-791-2)	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔
Water-ethanol 1:1 (Ec 200-578-6)	⇔	⇔	⇔	⇔	⇔	⇔	⇔	**	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔
Water-i.propanol 1:1 (Ec 200-578-6)	⇔	⇔	⇔	⇔	⇔	⇔	⇔	**	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	**
Water-PM 1:1 (Ec 203-539-1)	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔
PM (Ec 203-539-1)	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	**
Water-Acetone 1:1 (Ec 200-662-2)	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔
Water-Water based final fixing 1:1	⇔	⇔	⇔	⇔	⇔	⇔	⇔	**	⇔	⇔	⇔	⇔	⇔	⇔	⇔	⇔	**	⇔

(EN) Compatibility with thinners: T=25°C, LGW: thinner = 1:20 w/w. Legend: ⇔ stable; ** hardly perceptible ppt; ↓ ppt.

(IT) Compatibilità con i diluenti: T=25°C, LGW: diluente = 1:20 w/w. Legenda: ⇔ stabile; ** ppt appena percettibile; ↓ ppt.

(EN) Compatibilidad con diluyentes: T=25°C, LGW: diluyente = 1:20 w/w. Referencia: ⇔ estavel; ** ppt apenas perceptivel; ↓ ppt

**(EN) FASTNESS TO LIGHT, WATER DROP AND MIGRATION INTO PVC
(IT) SOLIDITÀ ALLA LUCE, ALLA GOCCIA D'ACQUA E ALLA MIGRAZIONE NEL PVC
(ES) SOLIDEZ A LA LUZ, A LA GOTA DE AGUA Y MIGRACION EN PVC**

code	product	Light fastness (ref. IUF402)	Fastness to migration into PVC (ref. IUF442)	Fastness to water drop (ref. IUF420)
LGW08	Concentrate Blue MRB	6	5	1
LGW18	Concentrate Yellow RL	6	4	2
LGW23	Concentrate Orange 2R	6	5	2
LGW28	Concentrate Red GL	5/6	5	2
LGW29	Concentrate Bordeaux RB	5	5	1
LGW35	Concentrate Brown BL	5/6	4	1/2
LGW40	Concentrate Black M-SRL	5/6	4	1/2
LGW60	Concentrate Black NT	5	5	3

(EN) Fastness results here reported only refer to our specific applications and only claim indicative value.

(IT) I risultati di solidità qui riportati si riferiscono unicamente alle nostre applicazioni specifiche e hanno solo valore indicativo.

(EN) Los resultados de solidez aqui recogidos se refieren únicamente a nuestras aplicaciones específicas y tienen sólo un valor indicativo.

LGW- COLORANTI CONCENTRATI A BASE ACQUOSA PER LA RIFINIZIONE DEL CUIOIO

Gli LGW sono soluzioni concentrate di coloranti metallo complessi caratterizzati da ottima brillantezza, resistenza alla luce ed alla migrazione al PVC.

Gli LGW possiedono elevate concentrazioni e una illimitata miscibilità fra loro; conferiscono inoltre un'ottima uniformità in applicazione grazie alla elevata capacità di penetrazione e livellamento. Possono essere applicati a spruzzo manuale, a velo o con giostra rotante e sono particolarmente indicati nei sistemi ad immersione e all'interno di una vasta gamma di agenti fissativi finali all'acqua.

COMPATIBILITÀ CON SOLVENTI e LEGANTI

Gli LGW sviluppano al massimo le loro proprietà in sistemi all'acqua; possono tuttavia essere utilizzati con successo anche in sistemi misti acqua/solvente, purché il preparato che si ottiene contenga almeno il 30% di acqua.

Gli LGW sono compatibili con un'ampia gamma di leganti per sistemi all'acqua, pertanto possono essere inseriti in formulazioni a base acqua contenenti emulsioni e soluzioni di resine acriliche, stirolo-acriliche, viniliche, alchiliche, cellulose. E' buona norma diluire con acqua gli LGW o il legante prima di miscelarli.

LGW- WATER BASED CONCENTRATED DYES FOR LEATHER FINISHING

LGW are water based concentrated metal complex dyes with very high brilliance, fastness to light and to migration into PVC. LGW are characterized by high concentration and miscibility with each other in all proportion; moreover, they allow you to obtain an high color uniformity thanks to their high penetration and leveling.

They can be applied by spray, dusting or with rotary press machine and they are particularly suggested for dipping system and together with a wide range of water based fixing agent and vehicle.

COMPATIBILITY WITH SOLVENTS AND BINDERS

The LGW develop their qualities to the maximum in water-based systems; they can however be used with success in mixed water/solvent based systems too, on condition that the preparation obtained contains at least 30% water.

The LGW are compatible with a wide range of binders for water-based systems, and can therefore be included in water-based formulations containing emulsions and Acrylic, Styrene Acrylic, Vinyl, Alkyd and Cellulose resin solutions. It is advisable to dilute the LGW or binder with water before mixing them.

LGW- COLORANTES CONCENTRADOS AL AGUA PARA EL ACABADO DEL CUERO

Los LGW, son soluciones concentradas de colorantes de metal complejos, caracterizados por excelente brillo, resistencia a la luz y a la migración al PVC.

Los LGW poseen altas concentraciones y una ilimitada miscibilidad entre ellos; además, ofrecen una extraordinaria uniformidad en la aplicación gracias a la elevada capacidad de penetración y nivelación.

Pueden aplicarse por pulverización manual, por cortina o mediante carrusel giratorio y están indicados especialmente en los sistemas de inmersión y dentro de una amplia gama de agentes fijadores finales al agua.

COMPATIBILIDAD CON DISOLVENTES y AGLUTINANTES

Los LGW desarrollan al máximo sus propiedades en sistemas al agua; sin embargo, pueden utilizarse con éxito incluso en sistemas mixtos agua/disolvente, siempre que el preparado así obtenido, contenga por lo menos el 30% de agua.

Los LGW son compatibles con una amplia gama de aglutinantes para sistemas al agua, por lo tanto pueden utilizarse en formulaciones a base de agua que contienen emulsiones y soluciones de resinas acrílicas, estirolo-acrílicas, vinílicas, alquídicas, celulósicas. Es buena norma diluir con agua los LGW o el aglutinante antes de mezclarlos.

Rev. 02 del 07/2021



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