

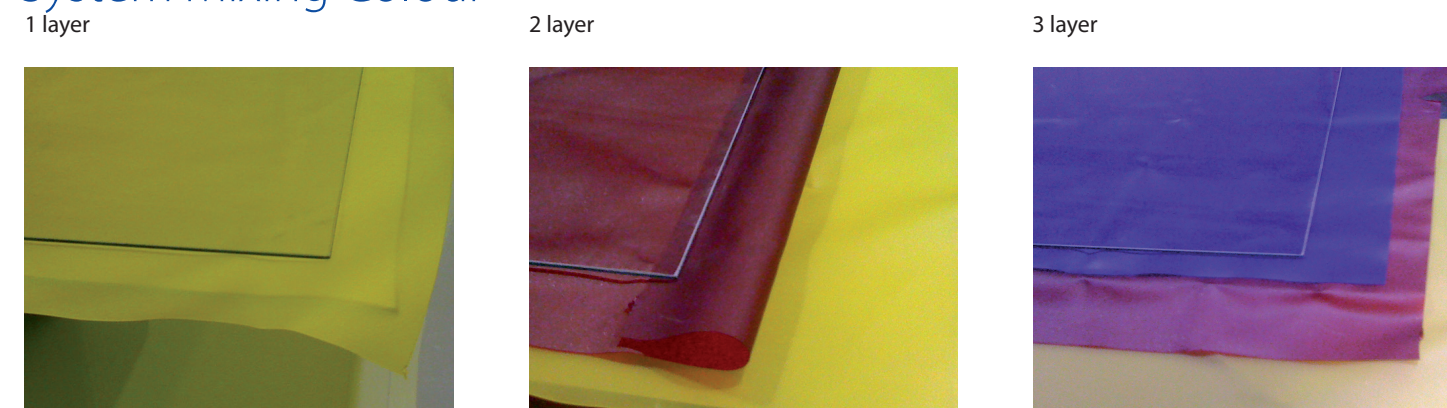
Evalam Opaque 3 Layers Mixing

AM AM B Yellow - Yellow - White	B B AM White - White - Yellow	B B NA White - White - Orange	NA NA B Orange - Orange - White	B B FU White - White - Fuchsia
FU FU B Fuchsia - Fuchsia - White	B B VI White - White - Violet	VI VI B Violet - Violet - White	B B R White - White - Red	R R B Red - Red - White
B B A White - White - Blue	A A B Blue - Blue - White	VO VO B Dark Green - Dark Green - White	VC VC M Green - Green - Milk	B B VC White - White - Green
VC VC B Green - Green - White	B B VO White - White - Dark Green	R R N Red - Red - Black	B B N White - White - Black	VC VC N Green - Green - Black
A A N Blue - Blue - Black	NA NA N Orange - Orange - Black	VI VI N Violet - Violet - Black	AM AM N Yellow - Yellow - Black	FU FU N Fuchsia - Fuchsia - Black
B N N B White - Black - Black - White	B N B White - Black - White	B N B N B White - Black - White - Black - White		

Evalam Translucent 3 Layers Mixing

BM BM AM White MAT-White MAT-Yellow	BM BM NA White MAT-White MAT-Orange	NA NA BM Orange- Orange-White MAT	BM BM FU White MAT-White MAT-Fuchsia	FU FU BM Fuchsia- Fuchsia- White MAT
BM BM VI White MAT-White MAT-Violet	VI BM BM Violet- Violet-White MAT-	R R BM Red- Red-White MAT	BM BM R White MAT-White MAT-Red	BM BM A White MAT-White MAT-Blue
BM BM VC White MAT-White MAT-Green	BM BM VO White MAT-White MAT-Dark Green	BM BM N White MAT-White MAT-Black		

System Mixing Colour



Evalam Color Properties

PROPERTIES		
THICKNESS	(mm)	0.38 ± 5%
WIDTH	(mm)	2000
LENGTH (White, Super White, White MAT, Acid White)	(m)	50
LENGTH (Rest of colors)	(m)	35
GLASS ADHESION	(N/cm)	35
IN PET ADHESION	(N/cm)	14
TEMPERATURE ADHESION	(°C)	100 / 120 Depending on color
DEVIATION COLOUR TOLERANCE*	ΔE	< 4.0 (CIE)
ABSORPTION WATER -23°C, 24hr	(%)	0.1
ANTI - AGING outdoor during 1 month		Normal
ANTI - AGING UV Ration Test 2000 h		< 1.5 %
RESISTANCE TO HEAT 100 °C, 2 hrs.		Normal
RESISTANCE TO COLD WATER cold water, 2 months		Normal
RESISTANCE TO HUMIDITY 50°C, 95% RH, 2 weeks		Normal

* Is processor's responsibility to check standard color deviation in every batch production



OUTDOOR COLORS

Evalam Opaque 1 Layer Basic

B White / Cod. LAEV200C01	N Black / Cod. LAEV200C02	SB Super White/Cod. LAEV200C18	BM White MAT/Cod. LAEV200C01M	AB Acid White/Cod. LAEV20019

Evalam Translucent 1 Layer Basic

INDOOR COLORS

Evalam Opaque 2 Layers Mixing

B B White - White	NA B Orange - White	R B Red - White	FU B Fuchsia - White	VI B Violet - White
A B Blue - White	VC B Green - White	VO B Dark Green - White	N AM Black - Yellow	N FU Black - Fuchsia
N VI Black - Violet	R N Red - Black	NA N Orange - Black	N B Black - White	N N Black - Black

Evalam Translucent 2 Layers Mixing

AM BM Yellow-White MAT	NA BM Orange- White MAT	FU BM Fuchsia- White MAT	M BM Blue- White MAT	VC BM Green- White MAT
BM VO White MAT-Dark Green				



Evalam Color

Durabilidad y uniformidad del color / Durability and color uniformity

El EVALAM COLOR a diferencia del Transparente se ha desarrollado para temperaturas de 120°C que aportan una mayor resistencia del color a través del tiempo.

La mayoría de EVAs de color del mercado cuando son elevados a una temperatura superior a 100°C suelen tener pérdida de tonalidad en los extremos. Esto es fácilmente comprobable con colores como el Red donde la diferencia de tonalidad entre el centro y los extremos es patente cuando se mantiene a alta temperatura el mínimo establecido de 30' para adquirir la resistencia adecuada.

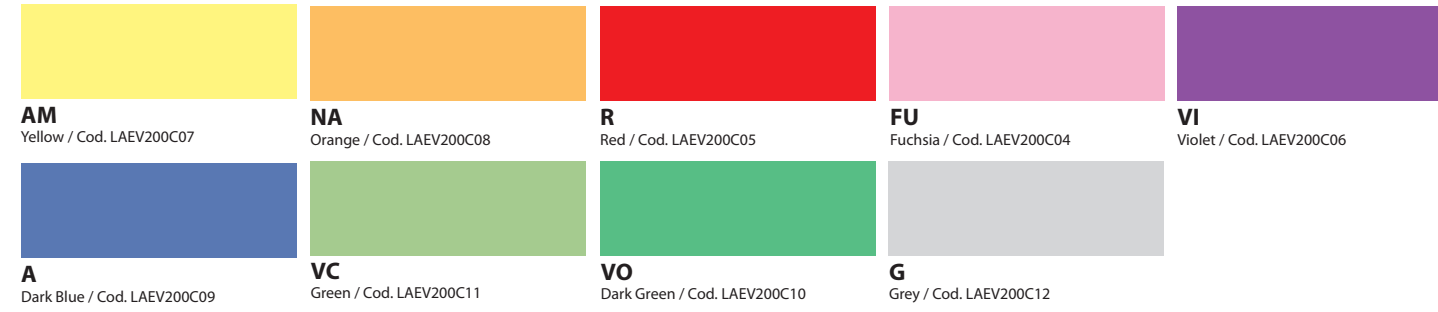
Para evitar la pérdida de tonalidad la inmensa mayoría de fabricantes han optado por trabajar con ellos a temperaturas de 80°C dando prioridad a la uniformidad de color frente a la duración del mismo en el tiempo. Con EVALAM COLOR y en los hornos de laminado de Pujol se consiguen ambas cosas durabilidad del color y uniformidad. Los estándares de fabricación de Evalam asumen una desviación en el color $\Delta E_{4,0}$ (según normas CIE de color internacional) debido a las tolerancias de espesor que afectan a la tonalidad final del producto.

EVALAM COLOR, unlike EVALAM transparent, has been developed for temperatures of 120°C providing greater resistance of color through time.

However most of the existing colors on the market, when they reached temperatures of over 100°C, tend to have color shade around the edges. This is easily verifiable with colors like red where color shade between the center and edges become evident. This distortion happens when maintaining at high temperature the minimum set in 30' to acquire adequate resistance.

To avoid color shade, a high proportion of manufacturers, have chosen to work at temperatures of 80°C; giving priority to color uniformity against its longevity. With EVALAM COLOR and Pujol laminating furnaces both goals: durability and color uniformity, are easily achieved. Evalam standards deviation color assumes $\Delta E_{4,0}$ (CIE color interspace chart Standards) on account of thickness tolerance that affect the final product shade.

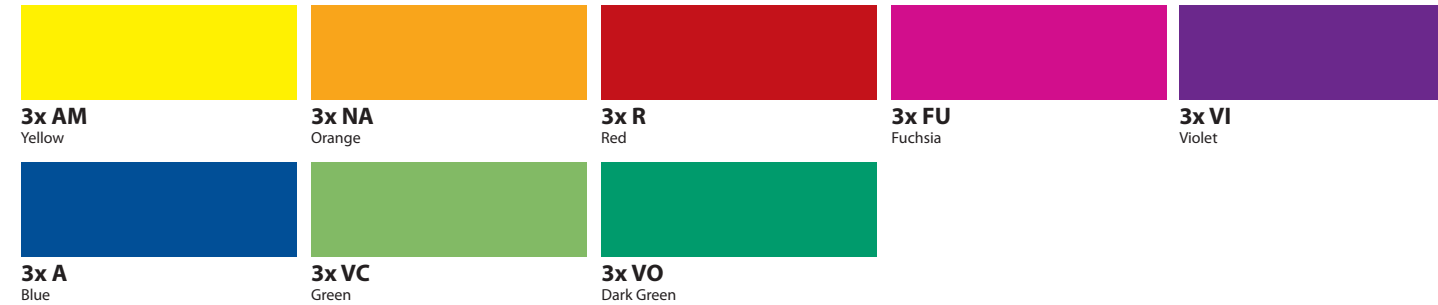
Evalam Transparent One-color 1 Layer Basics



Evalam Transparent One-color 2 Layers Mixing



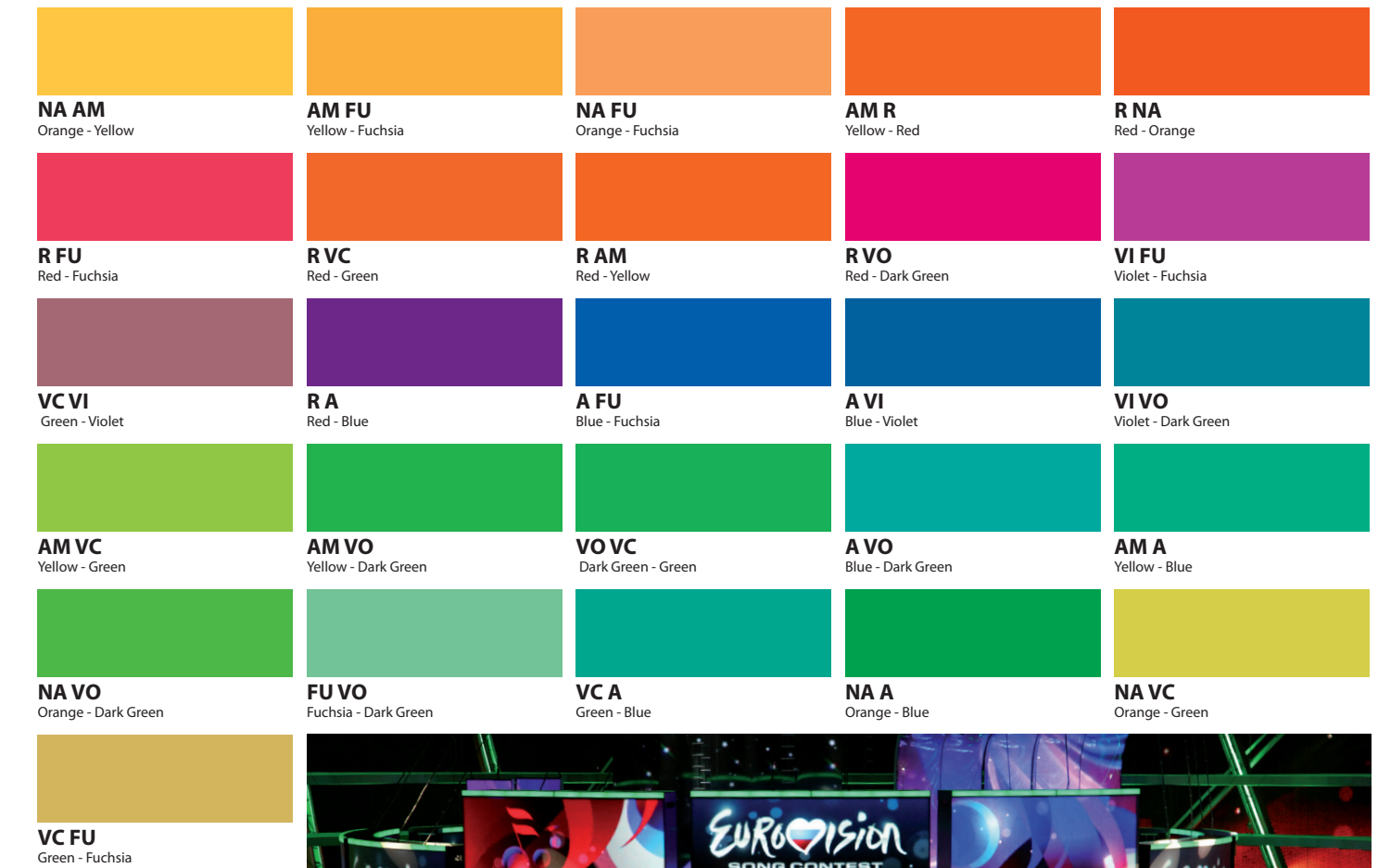
Evalam Transparent One-color 3 Layers Mixing



Evalam Transparent Mixing 3 Layers



Evalam Transparent Mixing 2 Layers



EUROVISION SET MOSCU-2008

EVALAM COLOR in walls and EVALM TRANSPARENT for floor set

