

General Information

Table of Contents:

1.	Introduction	2
2.	Requirements	2
3.	Features	2
a	a. Parameters	2
Ł	b. TDS	6
c	c. Mixing System	7
С	d. Custom System	10
e	e. Ready To Spray	14
f	f. Savant	16
4.	Contact information	16



1. Introduction

Introducing GlobalMix – the revolutionary new software designed to take your industrial painting to the next level. With GlobalMix, users can have access to a database of thousands of colors for all major and international colors. Our advanced features and intuitive interface make it simple, clear, and comprehensive to hit the user's target.

2. Requirements

GlobalMix is designed to be user-friendly and accessible to everyone. As such, the PC requirements are standard and should be compatible with the most modern computers that use Windows as the operating system (windows 7 and above).

3. Features

- a. Parameters
- i. Region

Select the region from the parameters - General section, for utilizing the software's data that corresponds to your location.

Parameters	
Categories	General Settings
General	Region
Cost Brackets	EUROPE ~
Price List Binder Price List	EUROPE
Database Location	AMERICA
Users	GRM/LIT \sim
Customers	

ii. Price List

• Ability to price the products (Toners, Hardeners, and Thinners) per liter, and the software will convert it in kg, and vice versa.

Price Li	ist			QuickSearch		
Price Li	ist	~ A Edit	t	Delete		
	Code	Name	Price	e per Liter	Price per Kgs	^
	0D7.000	BASECOAT LEVELLER	5.00		5.32	
	0D7.012	BASE MAGNUM	7.00		7.00	
	0D7.037	BASE MEDIUM ALUMINIUM S.DO	9.00		8.57	
	0D7.044	BASE COARSE ALUMINIUM	0.00		0.00	
	0D7.050	BASE EXTRA FINE ALUMINIUM	0.00		0.00	



• Retrieve additional information for each product by double-clicking on any item. A popup will appear, displaying the supplementary details.

		Price List						QuickSearch		2
General Cost Brackets		Price List			~	Α	Edit	Delete		
Price List Binder Price List		Co	de	Name				Price per Liter	Price per Kg	js ^
	ā.	OH	4.102	LEMON YEL	LOW HIGH	COVER	AGE	0.00	0.00	
		OH	4.103	WARM YELL	OW HIGH	COVERA	AGE	0.00	0.00	
		OH	4,108	ORGANIC O	RANGE		1	0.00	0.00	
ustom System 🗗	Toner Details									×
	Description Type Color	ORG. Solve	ANIC ORANGE	: : : :	% Coat	ings VD	DC 59.	66		
	Weight	1.01			% Mate	erial VO	C 59.	66		~
						Imp/	/Exp	Undo		Save

• Enable the import/export of prices using the 'Imp/Exp' button. The imported file must be in CSV format, with three columns and no header. The first column should represent the product (it should start with a quote), the second column should indicate the price in liters, and the third column should indicate the price in kilograms.

You don't need to fill both the price in liters and in kilograms; only one is required.

		А	В	С	D
	1	'0A.012	9	0	
Imp/Exp	2	'0A.013	5	0	
	З	'0A.014	15	8	
	4	'0A.025	10	0	

- Create multiple price list is now available in GlobalMix software.
 - Add the name of the price list and save it.

Price List			QuickSearch			
Price List Price	List - 2	~ A	Edit	Delete]	
Code	Name		Pric	e per Liter	Price per Kgs	^



- Choose the price list you created from the dropdown, and start edit the price of the toners.

Price List			
Price List		Α	Edit
Cod	Price List - 1 Price List - 2		Pric

- Save the price list when you're done.



- iii. Binder Price List
 - Based on the region selected (Europe or America), the Binder Price List page, displays all binders available.

	Binder Price List		QuickSearch		
rice List inder Price List	Code	Name	Price per Liter	Price per Kgs	
	7D.1.K1	BINDER EXTRA FAST AIRDRY GLOS	0.00	0.00	
	2A.6.K1	BINDER EPOXY SEMIGLOSS STRUC	0.00	0.00	٦
	6C.6.K2	BINDER PU IND. SEMIGLOSS STRUC	0.00	0.00	
) Management stom System	6H.3.K2	BINDER EXTRA PU SATIN (EU) - 2K	0.00	0.00	
	6H.1.K1	BINDER MS EXTRA PU GLOSSY (EU	0.00	0.00	
	7D.2.K1	BINDER EXTRA FAST AIRDRY SEMI	0.00	0.00	
	2A.1.K1	BINDER EPOXY GLOSS (EU) - EPOX	0.00	0.00	
	2I.3.K1	BINDER EPOXY PRIMER (EU) - EPO	0.00	0.00	
	3G.1.K3	BINDER ALKYD GLOSS (BRUSHABLE	0.00	0.00	
	7I.2.K1	BINDER NITRORESISTANT PRIMER	0.00	0.00	
	2A.2.K2	BINDER EPOXY SEMIGLOSS (EU)	0.00	0.00	
	6J.1.K1	BINDER EXTRA ACRYLIC DTM GLOS	0.00	0.00	
	6J.3.K1	BINDER EXTRA ACRYLIC DTM SATI	0.00	0.00	
	3G.3.K5	BINDER ALKYD SATIN (BRUSHABLE	0.00	0.00	
	6B.6.K1	BINDER ACRYLIC DTM STRUCTURE	0.00	0.00	
	7B.2.K7	BINDER IND. FAST AIRDRY SEMIGL	0.00	0.00	
	6B.2.K1	BINDER ACRYLIC DTM SEMIGLOSS	0.00	0.00	
	6B.1.K1	BINDER ACRYLIC DTM GLOSS (EU	0.00	0.00	
		Imp/E	KP Undo	Save	e



 The binder price list is connected to the toner price list. This means that if you are working on the default price list for toners, the binder price list will be associated with the default price list. However, if you are working on 'price list – 2' for toners, the binder price list will be linked to that specific price list.

Binder Price List		QuickSearch	1	
Price I	.ist - 2			
Code	Name	Price per Liter	Price per Kgs	^
7D.1.K1	BINDER EXTRA FAST AIRDRY GLOS	0.00	0.00	
2A.6.K1	BINDER EPOXY SEMIGLOSS STRUC	0.00	0.00	

- User can add a price for each binder, the price can be per liter or per kgs. In both cases, the software will calculate the price of the opposite unit.
- Additional information for binders can be viewed (Binder Family, Type, Density, VOC, Binder Percentage), by double-clicking on the desired binder.

Categories		Binder Price	ce List			QuickSearch		
			Price Lis	t - 2				
Price List Binder Price List		Code		Name		Price per Liter	Price per Kg	js ^
		7D.1.K1		BINDER EXTRA	FAST AIRDRY GLOS	0.00	0.00	
	🖳 Binder Deta	la.c.w ils	- d.	BUDED EDOWN	CENTER OCC. CTRUC	0.00	×	
	Code		2A 1.K1		Туре	Solvent		
	Descriptio	n	BINDER	EPOXY GLOSS (EU) - EPOXY 2K			
	Family		EPOXY					
	Percenta	je	75		% Coatings VO	IC 19.33		
	Weight		1.44		% Material VO	C 19.33		
	🗹 Ероху							
	Micaci	eus iron					t	1
		6B.1.K1		BINDER ACRYL	IC DTM GLOSS (EU	0.00	0.00	~

• Use the Imp/Exp button, to import or export binder prices.





- iv. My Information
 - Shop Name: the user can enter his body shop's name. it can be viewed on the label.
 - Discount: Allows the user to set a discount percentage on his price list. So, when it comes to formulation, the price displayed will be calculated based on the discount percentage entered in Parameters.
 - Currency: by adding the currency's symbol, the price will appear on the invoice using the currency entered.

Parameters		
	Shop Name	
	Discount(%)	×
Backup Job Management Custom System	Markup(%)	×
My information	Currency	

b. TDS

Users can now easily access the Technical Data Sheet (TDS) of all binders by clicking the "SDS TDS" button on the main screen.





- c. Mixing System
- i. Search page

Search fields are various, user can search for color using different filters like make, code, description, color family, catalog, formula type, and customers.

Manufacturer *	Code		~	Description
Color Family *	Type		~	☑ Include Original Formulas □ Include Custom Formulas
Colorbox *	~			
		Search	Clear	

ii. Search Result

Information such as digital color, manufacturer, code, description, color family, type, and colorbox details will be displayed on the search result page.

Digital Colors			Manufacturer	Code	Description		Color Family	Туре	^
			RAL	RAL 130 80 50	RAL 130 80 50		GREEN	LEAD FREE	
			RAL	RAL 200 60 10	RAL 200 60 10		GREEN	LEAD FREE	
		_		_	(Color Box Info		_	
Search		RAL DESIGN D2							
< Back									~

iii. Formulation Page

Information related to the color is available at the top of the mixing system page. Fields are segmented based on the info's type.

Manufacturer	RAL	Liters	1.000	Tone		Sale Amount	26.29	Type: PB
Color Code	RAL.1003	Kgs	1.5353	M. VOC		Sale Discount(%)		
Color Description	GIALLO SEGNALE			VOC	345.8 grams/liter	Net Amount	26.29	

iv. Sale Discount

Ability to adjust the discount value added in the parameters section, by removing, increasing, or decreasing the sale discount percentage.

v. Sale Amount

The Sale Amount refers to the total amount of binders and toners, based on the price list added by the user.

vi. Net Amount

The Net Amount refers to the final amount after discounts.

Sale Amount	46.78	
Sale Discount	13	
Net Amount	40.7	



- v. 3 Dots Button
- vi. By clicking on this button, you will be able to check the price of the selected formulation in all price lists created in parameters.

Sale Amount	27.43	 Prices		×
Sale Discount(%)		Price List	Price	
Net Amount	27.43	Price List - 1	9.9	
		Price List - 2	9.29	

vii. Select Binder

After selecting a color code, the software will show you a list of all binders that can be mixed with the toners related to the selected color. By moving the mouse pointer to a binder's code, the binder's name will appear.

- 3G.1.K3	^	•					
-3G.3.K5							
4G.5.K2							
5E.1.K1							
- 5J.1.K1							
6B.1.K1							
6B.4.K1							ער
6B.6.K1		.055 DTI	INDUST	KIAL PU	JETUKETH	ANE -	
6C 1 K2	~	*					

viii. Coverage Notification

When the formula doesn't have a sufficient covering capacity, GlobalMix alerts you by a popup notification, if you want to keep using the binder's ratio or increase coverage.

You can always change the ratio, and recalculate your formulation, using the "Eco Adjust" button.

🛃 Choose the Coverage	-		×				
Version is available for applications on surfaces that require great	ter cove	erage					
Continue with standard ratio of coverage							
Increase coverage							

Code	Desc	cription	Quantity	Gty Cumulative
5E.1	.K1	BINDER ACRYLIC 2K GLOSS - 2K	804.15	804.15
0H4.	130	WHITE	294.47	1098.62
0H4.	028	BLACK	24.12	1122.74
0H4.	125	OCHRE YELLOW	16.85	1139.59
0H4.	134	PHTALO BLUE	9.19	1148.78



ix. After selecting the binder, a 'TDS' button will appear on the right side of the screen. This button allows you to view the technical data sheet related to the selected binder.



x. Eco

This feature allows users to modify the pigmentation ratio; if the ratio is decreased, the cost of the recipe is lowered, and if it is increased, the covering capacity of the color is improved. Each binder has a minimum and maximum variation but that is not binding, however, they are mentioned on the screen as additional information.

Once saved, the formulation will be recalculated based on the binder's ratio selected by the user.



xi. Neutral

Some Colors have in their formulations the Neutral Toner. The user is allowed to remove or keep this toner, by ticking/unticking the ignore checkbox in the "Eco Adjust" option.

Adjusted Ratio: [Binder/Toners]								
Binder 55 🖨 🖛	•	Toners	45%			Change Patio		
		Ignore Neutral Tinter			Change Natio			

xii. Copy to Custom Formula

The user can always copy any formulation to the Custom System module, so he can modify it, by clicking on the "Copy" button available at the bottom left of the page.





d. Custom System

In the Custom System module, you can create a color from scratch, add binder(s) and toner(s), change the ratio, and send it back to the mixing system to view the formulation.

i. General Information

You can add/modify some general information related to the color from the Edit button.

ormula				~
Manufacturer	* ~	Tone]
Code		Description]
Color Family Desc.	* ~			
Customer	* ~			
			Save	

ii. Assign to a customer

The user can assign a custom formulation to a specific client by selecting the client's name from the customer dropdown. Clients should be created first in the Parameters => Customers section.

Customer	*	\sim
	*	
	Chris David Generic John	

When searching for a custom formulation in the mixing system, check the 'Include custom formulas' box. A new search field related to customers will appear, allowing you to search for custom formulations related to a specific customer.

Manufacturer *	~	Code *	~	Description	
Color Family *	~	Туре *	~	□ Include Original Formulas ☑ Include Custom Formulas	;
Colorbox		Customers			
	Custome	ers			
	*			~	
	*				
	Chris David Generic				
	Generic John				



iii. Manage Binders

The user is allowed to mix the color with different binders, as he can also modify the current binder and neutral toner percentage.

• To modify, the user should select the binder first, then click on the Edit button, however for adding a new one, the user should click on the Add button.



• Add new binder: Click on Add button, and a new popup appears asking you to select the new binder and the binder weight.

Also, you can add the Neutral toner, by adding weight in the Neutral Toner Weight field. If you don't need to add the Neutral toner, keep it as zero.

Paint Line	×	
Binder	7D. 1.K1 (HIGH GLOSS FAST AIR DRY ALKYD - 11 V	Select Binder from dropdown
Binder Base	80	
Binder Weight	80	Add Binder Weight
Neutral toner weight	0	Add Neutral Weight.
Comments		_
	Save	

• Modify an existing binder: Simply click on the binder you want to modify, then click Edit and change the needed values.



P.S: The weight of the 1st added binder affects the toner's percentage. otherwise, any other added binder, will not change the toner percentages.

iv. Manage toners

The user can add or edit toners to his custom formulation by clicking on Add, to add a new toner, or by clicking on Edit, to change the weight of a toner.

Add New		
Toners		×
Choose a for	mula and save	QuickSearch
Code	Name	^
0H4.040	TEXTURE	
0H4.101	SOLID MEDIUM YELLOW	
0H4.102	LEMON YELLOW HS	
0H4.103	WARM YELLOW HS	
0H4.108	ORGANIC ORANGE	
0H4.111	RED FOR EPOXY ENAMELS	

Quantity	:
D.27	Save

Modify

P.S: Changing the weight of the toner, affects the 1st selected binder's percentage.



Example:

The example below, shows you how changing the binder weight can change the toner's percentage:

Product	Weight
5E.1.K1 (Binder)	815.63
0H4.028	1.21
0H4.125	2.64
0H4.130	345.59
0H4.126	0.12
SUM	1165.19

> The binder percentage in the above formula is: 70% (fx: (815.63/1165.19)*100)

However, the weight of the toners is:		
Toners	Weight	
0H4.028	0.103845725	
0H4.125	0.22657249	
0H4.130	29.6595405	
0H4.126	0.01029875	

The Total Sum of the binder and toners should be 100. So now, if I want to modify the binder weight to 90, it means the sum of all toners should be 10. And since we only modified the binder weight, the actual total is 120, as below table figure out:

Product	Weight
5E.1.K1 (Binder)	90
0H4.028	0.103845725
0H4.125	0.22657249
0H4.130	29.6595405
0H4.126	0.01029875
SUM	120

The last step is to convert the 120 to 100, for example, to calculate the final binder weight (fx: (90*120)/100), the result will be 75. The calculation of the rest of the toners is the same, and here are the final percentages:

Product	Weight
5E.1.K1 (Binder)	75
0H4.028	0.086537918
0H4.125	0.188810003
0H4.130	24.71623072
0H4.126	0.008582273
SUM	120



- *v.* Moving from Custom System to Mixing System.
 - The user can see his custom formulation in the mixing system by searching for it in the mixing search

And tick on the "Include custom Formulas" checkbox.



• Once you select the binder in the mixing system, the software asks you if you want to display the formulation using the standard coverage (the one from the database), or the memorized coverage (the one that the user customized in the custom system)



- The formulation will be displayed after the user's selection.
- e. Ready To Spray
- i. Based on the binder chosen in the mixing system, the user can send his formulation to the Ready to Spray section.





ii. In Ready to Spray, the user can add hardeners and thinners to his formulation

Short BMC-SE-1-K1	V Product RMC	-SE-1-K1 HS ACRYLIC 2K (NUEVO)	¥	
pe	Degree	Additive	hardener	Reducer
ndard			04.012 Slow Net Volwong Hardener For External Use 04.014 Not Yelowing Hardener For External Use	06.003 Robustlation Throom 06.005 Stor Poyuetlane Thinner (>25 *C) 06.005 Extra slow Actile Thinner 06.094 Slow actile Thinner

iii. After selection, the user can check the hardener ratio, modify the thinner ratio in some cases, view the VOC, and calculate the weight of the whole formulation (Binder + Toners + Hardener + Thinner)



E F	Sty of liters Cost 94.9 Base Product 1 Kgs 1.73779 Ready to Spray 1.600	457.3 grams/	liter
Code	Description	Quantity	Qty Cumulative
0H4.028	BLACK	1.21	1.21
0H4.125	OCHRE YELLOW	2.64	3.85
0H4.130	WHITE	345.59	349.44
0H4.126	BLUE	0.12	349.56
5E.1.K1	HS ACRYLIC 2K (NUEVO) - 2K	815.63	1165.19
0A.012	Slow Not Yellowing Hardener For External Use	483.00	1648.19
0G.013	Polyurethane Thinner	89.60	1737.79

iv. In Ready to Spray, the user can also view the TDS (Technical Data Sheet) related to the binder chosen before.



Page **15** of **16**



v. The price of the mix, including the hardener and reducer selected in Ready to Spray will be displayed too.

Sale Amount	1.3	
Discount	0 %	
Net Amount	1.3	

f. Savant

In Savant, the user is able to read a color using a spectrophotometer (for example MA-3 Topaz), and match it with our database.

This action can be made from 2 features:

- Quick Search (For a quick result search)
- Savant Jobs (Storing jobs and using matches)

Savant	×
Steps 1) Please Measure the color you wish to 2) Machine should be connected through USB	
3) Download Measurement	Download Data
~ ·	Olabolitar

4. Contact information

For more information or comments, please do not hesitate to contact the General Paint Software support team by email at support.it@generalpaint.biz Or by phone at +961 9 925 990

We are available from 8:00AM (GMT) to 6:00PM (GMT).