Technical Data Sheet

Product	**CHT101 ColorSeries**	
Description	Water-based concentrated dyes	
Code/Color	**CODE**	**COLOR**
	CHT101	White
	CHT102	Yellow
	CHT103	Oxide yellow
	CHT104	Vivid yellow
	CHT105	Red
	CHT106	Orange
	CHT107	Green
	CHT108	Blue
	CHT109	Black
	CHT111	White
Woods / Substrates for which the product is suitable	Resinous softwood	
	Non resinous Softwood	
	Light color hardwood	
	Dark color hardwood	

Chemical-physical Properties

CODE	Density (Kg/l)	Density (lb/US gal)	Solid content %
CHT101	1,151 ± 0,030	9,6 ± 0,3	0,0 ± 2
CHT102	1,100 ± 0,030	9,2 ± 0,3	0,0 ± 2
CHT103	1,100 ± 0,030	9,2 ± 0,3	0,0 ± 2
CHT104	1,100 ± 0,030	9,2 ± 0,3	0,0 ± 2
CHT105	1,100 ± 0,030	9,2 ± 0,3	0,0 ± 2
CHT106	1,100 ± 0,030	9,2 ± 0,3	0,0 ± 2
CHT107	1,100 ± 0,030	9,2 ± 0,3	0,0 ± 2
CHT108	1,100 ± 0,030	9,2 ± 0,3	0,0 ± 2
CHT109	1,100 ± 0,030	9,2 ± 0,3	0,0 ± 2
CHT111	1,150 ± 0,030	9,6 ± 0,3	0,0 ± 2
	Viscosity (EN ISO 2431) ISO 3 cup	70 ± 5	

USAGE INDICATIONS

Additional products		Quantities	
Thinner	Deionized water	In weight w/w %	500
		In volume v/v %	555

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READY TO USE PRODUCT PROPERTIES (AVERAGE)					
	Viscosity (EN ISO 2431) ISO 3 cup	30 ± 3			
Application		Quantities			
	Robot spray	gr/m² min-max:	30	-	50
		Wet Mils min-max	1,2	-	1,9
	Hand spray	gr/m² min-max:	20	-	50
		Wet Mils min-max	0,8	-	1,9
	Wipe	gr/m² min-max:	50	-	70
		Wet Mils min-max	1,9	-	2,7
	Dipping	gr/m² min-max:	50	-	70
		Wet Mils min-max	1,9	-	2,7
	Roller coater staining machine	gr/m² min-max:	5	-	20
		Wet Mils min-max	0,2	-	0,8
PRODUCT PROPERTIES AFTER APPLICATION					
Drying					
	Room temperature drying (18-22°C / 64 – 72°F e 65-70% relative humidity) complete drying	4 h			
	Hard dry	4 h			
	Laminar flow cabinet drying	Temp°C	60		
		Temp°F	140		
		60 min			
Shelf life	6 months after production				

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WARNINGS

In a coating process with professional products:

- besides the product quality, the final result also depends on numerous other variables, such as environmental conditions; homogeneity in the quality of the support; the constancy of the application cycle; the plants performance; the proper use of the product, etc.
- in the process of industrial coating a certain waste of product is to be considered normal and therefore not attributable to product quality
- The final colour is influenced by the quality and preparation of the support and the conditions of application, for this reason it is essential to check in advance the result in terms of final use

Our Company cannot ensure the control of the coating process carried out by the user. We cannot, therefore, take on any responsibility for the final result achieved through the use of our products.
On the other hand, we guarantee the consistency of the chemical and physical characteristics of the product indicated in the relevant Technical Data Sheet, pledging to replace it if it does not correspond to the declared features
Data on the chemical and physical characteristics of the product are recorded at 20°C / 68°F and 70% R.U.

For best results, the optimum conditions of application are:

- Ambient temperature between 18 and 22°C (64 - 72 °F)
- ambient relative humidity between 65 and 70%
- support humidity between 8 and 14%

The conditions to be observed scrupulously are:

- Water-based products are particularly sensitive to storage conditions: temperatures below 5 °C / 41°F and above 35 °C / 95°F may affect the product, characteristics, making it unusable. For this reason, a water-based product should be stored indoors at temperatures not below 5 °C and not above 35 °C / 95°F, in a properly ventilated place, not exposed to solar radiation
- A solvent-based product should be stored indoors at temperatures not below 0 °C / 32°F or above 35 °C / 95°F, in a properly ventilated place, not exposed to solar radiation
- In case a storage temperature below 15 °C / 59°Fis detected, the product should be restored at the optimal temperature of 18-22°C (64-72°F). before use
- Always shake the products well before use
- Before use, always shake well the product mixed with any other components such as catalysts, accelerators, thinners
- The application must not take place at a temperature lower than 15 °C / 59°F or above 30°C / 86°F
- The drying should not take place at a temperature below 15 °C / 59°F
- The ambient relative humidity during drying should be between 50% and 70%
- To decant paints, exclusively use containers made of suitable material, such as polyethylene and stainless steel
- After use, we recommend that you always close the can carefully

The end result of the coating cycle is the sole responsibility of the users, who must make sure that the product matches their needs and that environmental conditions, application or media specifications do not require substantial changes of use

It is the user's responsibility:

- Adhere to the conditions indicated above
- comply with the rules of hygiene and safety during product application, according to the descriptions given in the safety data sheets
- for solvent-based products spark-proof equipment should be used
- It is forbidden to smoke while using the product

At the bottom of each sheet there is a date of validity
The Company invites you to check with their staff that the product data sheet in your possession is the most updated, since the characteristics of the products are subject to adjustments over time
For more information, please contact (see below):

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