



**GEO**

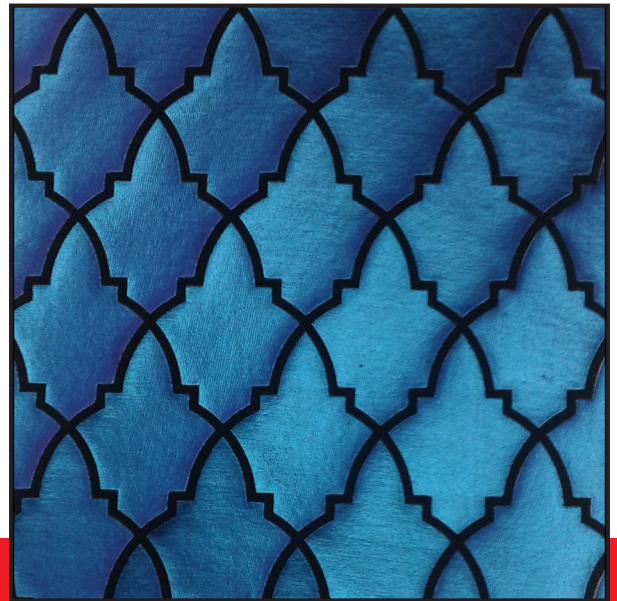


## Printing Effect

**Geo Aquapearl Sapphire** and Geo Galileus is the right combination to get a very elastic and glossy under-base which enhances the color shifting effect of Aquapearl inks.

A proper control of the ink deposit is very important to obtain a perfect color-shifting.

# GEO AQUAPEARL SAPPHIRE



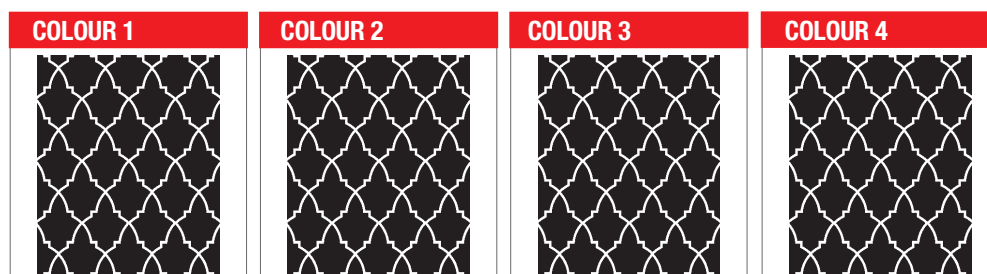
**FOR COTTON**

## technical sheet

COLOUR 1 - RECIPE	RATIO	SCREEN	COLOUR 2 - RECIPE	RATIO	SCREEN
HYDRA WHITE 120 E	90	48/123	GEO GALILEUS	89	62/156
GEO GALILEUS	10	GEL 3	AQUATINT PIGMENT BLACK B	8	GEL 3
		STANDARD	UNIFIX LC	3	STANDARD
		<b>SQUEEGEE</b>			<b>SQUEEGEE</b>
		65-90-65			65-90-65
COLOUR 3 - RECIPE	RATIO	SCREEN	COLOUR 4 - RECIPE	RATIO	SCREEN
GEO GALILEUS	79	62/156	GEO AQUAPEARL SAPPHIRE	97	48/123
AQUATINT PIGMENT BLACK B	8	GEL 3	UNIFIX LC	3	GEL 3
GEO AQUAPEARL SAPPHIRE	10	STANDARD			STANDARD
UNIFIX LC	3	<b>SQUEEGEE</b>			<b>SQUEEGEE</b>
		65-90-65			60 SHORE

PRINTER PARAMETERS		PRINTING PROCEDURE		SUITABLE ADDITIVES
DRYER TEMPERATURE	160°C - 320°F	1	PRINT DOUBLE STROKE - FLASH	<b>HYDRACRYL RETARDER:</b> Retarder designed to further improve HYDRA, GEO and PERFETTO screen ink stability. Add 3-5% of HYDRACRYL RETARDER to the inks. <b>Formaldehyde and phthalate free.</b>  <b>UNIFIX LC:</b> Additive specifically designed to ensure the proper resistance to frequent washings at high temperatures. up to 3-5% to be thoroughly mixed with the ink Phthalates and formaldehyde free <b>Formaldehyde and phthalate free.</b>  <b>HYDRA JET REDUCER:</b> viscosity reducer; add 1-3% to the ink. In comparison to the other reducers, HYDRA JET REDUCER decreases viscosity especially when the ink is extremely thick. <b>Formaldehyde and phthalate free.</b>  <b>HYDRA REDUCER 120:</b> To reduce viscosity, just add 3% of HYDRA REDUCER 120. <b>Formaldehyde and phthalate free.</b>
CURING TIME	2 MIN	2	PRINT DOUBLE STROKE - FLASH	
SQUEEGEE ANGLE	20°	3	PRINT DOUBLE STROKE - FLASH	
PRINTING SPEED	MEDIUM	4	PRINT DOUBLE STROKE - CURE	
SCREEN CLEAN UP				
USE WATER				
COMMENTS				

In case of severe durability test add 3% of Universal Fix in all the inks used.  
 Shelf Life: 12 months ( shelf life of the product depends upon storage conditions).  
**Storage Conditions:**  
 Store the products in a well ventilated and dry environment, temperature should be kept between 5-30°C .  
 Keep containers tightly sealed away from heat sources and direct sunlight.



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 JUNE 2018





**GEO**



*Printing Effect*

# GEO AQUAPEARL SAPPHIRE

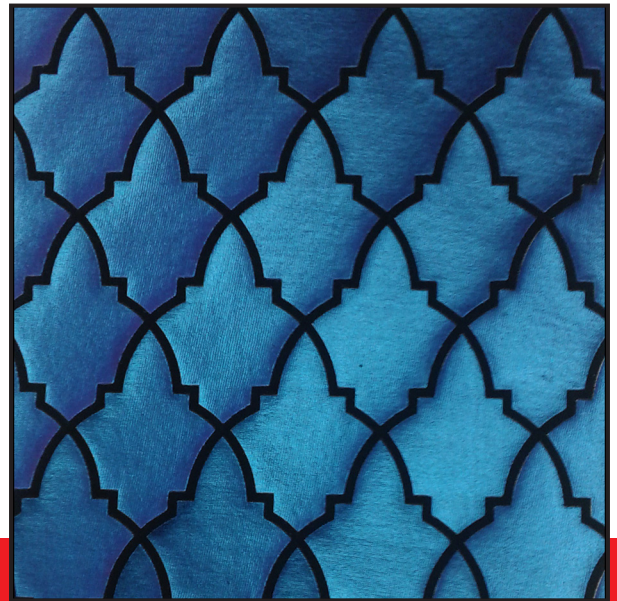
**Geo Aquapearl Sapphire** and Geo Galileus is the right combination to get a very elastic and glossy under-base which enhances the color shifting effect of Aquapearl inks.

A proper control of the ink deposit is very important to obtain a perfect color-shifting.

**In case of strong dye migration print a double layer of No-Sublimation Base.**

**FOR POLYESTER**

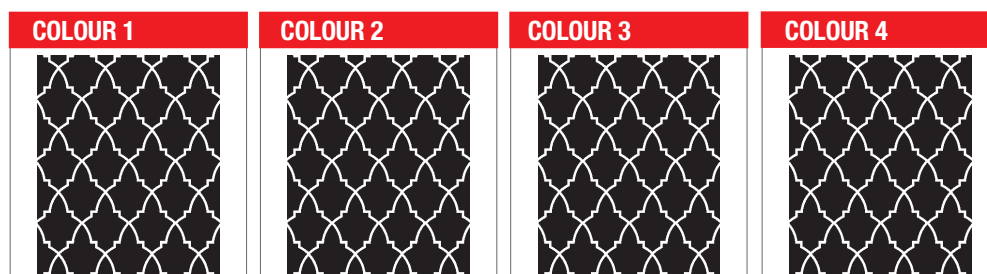
## technical sheet



COLOUR 1 - RECIPE	RATIO	SCREEN	COLOUR 2 - RECIPE	RATIO	SCREEN
NO SUBLIMATION BASE	97	48/123	GEO GALILEUS	89	62/156
HYDRACRYL RETARDER	3	GEL 3	AQUATINT PIGMENT BLACK B	8	GEL 3
		STANDARD	UNIFIX LC	3	STANDARD
		<b>SQUEEGEE</b>			<b>SQUEEGEE</b>
		65-90-65			65-90-65
COLOUR 3 - RECIPE	RATIO	SCREEN	COLOUR 4 - RECIPE	RATIO	SCREEN
GEO GALILEUS	79	62/156	GEO AQUAPEARL SAPPHIRE	97	48/123
AQUATINT PIGMENT BLACK B	8	GEL 3	UNIFIX LC	3	GEL 3
GEO AQUAPEARL SAPPHIRE	10	STANDARD			STANDARD
UNIFIX LC	3	<b>SQUEEGEE</b>			<b>SQUEEGEE</b>
		65-90-65			60 SHORE

PRINTER PARAMETERS		PRINTING PROCEDURE		SUITABLE ADDITIVES
DRYER TEMPERATURE	160°C - 320°F	1	PRINT DOUBLE STROKE - FLASH	<b>HYDRACRYL RETARDER:</b> Retarder designed to further improve HYDRA, GEO and PERFETTO screen ink stability. Add 3-5% of HYDRACRYL RETARDER to the inks. <b>Formaldehyde and phthalate free.</b>  <b>UNIFIX LC:</b> Additive specifically designed to ensure the proper resistance to frequent washings at high temperatures. up to 3-5% to be thoroughly mixed with the ink Phthalates and formaldehyde free <b>Formaldehyde and phthalate free.</b>  <b>HYDRA JET REDUCER:</b> viscosity reducer; add 1-3% to the ink. In comparison to the other reducers, HYDRA JET REDUCER decreases viscosity especially when the ink is extremely thick. <b>Formaldehyde and phthalate free.</b>  <b>HYDRA REDUCER 120:</b> To reduce viscosity, just add 3% of HYDRA REDUCER 120. <b>Formaldehyde and phthalate free.</b>
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COMMENTS				

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 Shelf Life: 12 months ( shelf life of the product depends upon storage conditions).  
**Storage Conditions:**  
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 Keep containers tightly sealed away from heat sources and direct sunlight.



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