

Datum: 07/05/2020

**LABREPORT : Determination of resistance to liquids
(ISO 2812-4:2007) of oil+2C Gold with and without B-component**

Library

1 **Goal:** Determine the influence of B-component on liquid resistance of Oil+2C Gold

2 **Testpanel and method:**

Wood specie	Oak		
Pre-treatment wood	Sanded: P120	Brushed: none	Others: none

Method	Method of application	Manually
	Method of drying	Oxidative
	Time between application oil and drops	7 days
	Completely cured	Yes

Method	Horizontal/ angel	Horizontal
	Substance A	Water
	Substance B	Coffee
	Substance C	Cola
	Substance D	Red Wine
	Duration of the test	24h

Quotation :

0: No marks 1: Slight visible mark 2: Visible mark 3: Damage of the wood

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3 Results:



Sanded P120	Oil+2C Gold Pure + B comp			Oil+2C Gold White + B comp		
	1h	4h	24h	1h	4h	24h
Water	0	0	0	0	0	0
Coffee	0	0	0	0	0	1
Cola	0	0	0	0	0	0
Red wine	0	0	0	0	0	1
Conclusion	Very good resistance			Good resistance. Some small stains of coffee and wine after 24h		



Sanded P120	Oil+2C Gold Slate Grey + B comp			Oil+2C Gold Charcoal + B comp		
	1h	4h	24h	1h	4h	24h
Water	0	0	0	0	0	0
Coffee	0	0	0	0	0	0
Cola	0	0	0	0	0	0
Red wine	0	0	0	0	0	0
Conclusion	Very good resistance			Very good resistance		



Sanded P120	Oil+2C Gold Pure WITHOUT B comp			Oil+2C Gold White WITHOUT B comp		
	1h	4h	24h	1h	4h	24h
Water	0	0	0	0	0	0
Coffee	0	0	1	0	0	2
Cola	0	0	0	0	0	0
Red wine	0	1	1	0	0	2
Conclusion	Some small stains of coffee after 24 h and wine after 4h and 24h			Stains of coffee and wine after 24h		

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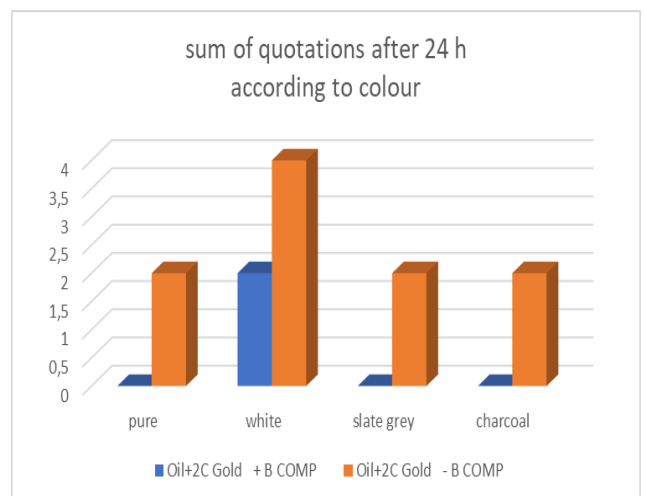
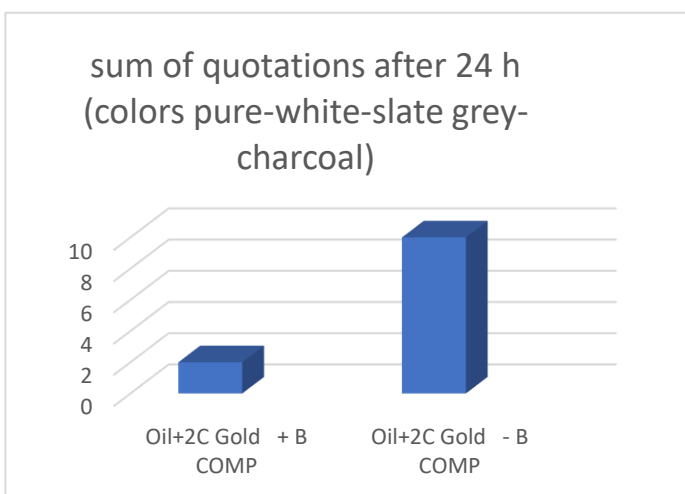
Sanded P120	Oil+2C Gol Slate Grey WITHOUT B comp			Oil+2C Gold Charcoal WITHOUT B comp		
	1h	4h	24h	1h	4h	24h
Water	0	0	0	0	0	0
Coffee	0	0	1	0	0	1
Cola	0	0	0	0	0	0
Red wine	0	0	1	0	0	1
Conclusion	Some small stains of coffee and wine after 24h			Some small stains of coffee and wine after 24h		

4 Conclusion:

- **Significant difference in resistance to liquids of oil+2C gold when using B-component.**

We can illustrate this by making the total sum of the quotations after 24 hours (0: No marks 1: Slight visible mark 2: Visible mark 3: Damage of the wood).

Lower sum means better results.



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