



## TECHNICAL INFORMATION

### SUBSTANCES RELEASE TO INDOOR ENVIRONMENTS ACCORDING TO FRENCH STANDARD

As per the Decree No. 2011-321 of the Official Journal in France, it is mandatory the labeling of the construction products from September the 1st 2013. The objective is to encourage the use of low-emission building materials. The omission of the labelling is considered a crime in France.

The regulatory label will describe the VOC emissions to the indoor environments of each product. These emissions are measured 28 days after the installation, application or incorporation into a room.

There are 4 different Classes of performance (A+, A, B, C), being the Class A+ for products with very little or null VOC, and Class C for high releasing products. However, there isn't any obligation to take the Class C products off the market.

The Decree of March 23, 2011 relates 10 chemical substances with different risks to health and the environment. Following table describes the defined threshold values for the different class of performance.

Substances/Emissions' class	A+	A	B	C
Formaldehyde	<10	<60	<120	>120
Acetaldehyde	<200	<300	<400	>400
Toluol	<300	<450	<600	>600
Tetrachlorethene	<250	<350	<500	>500
Xylene	<200	<300	<400	>400
1,2,4-Trimethylbenzene	<1000	<1500	<2000	>2000
1,4-Dichlorobenzene	<60	<90	<120	>120
Ethylbenzene	<750	<1000	<1500	>1500
2-Butoxyethanol	<1000	<1500	<2000	>2000
Styrene	<250	<350	<500	>500
<b>TVOC (28 days)</b>	<b>&lt;1000</b>	<b>&lt;1500</b>	<b>&lt;2000</b>	<b>&gt;2000</b>

The risk of inhalation of dangerous substances is higher at indoor spaces because insufficient ventilation could provoke a high concentration of those substances. These chemicals are released by cleaning products, paintings, building materials, carpets, furniture... so using low emission products is really important.

#### Pinturas Decolor

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**PINTURAS DECOLOR**, has sent some products to verify the performance and evaluate the VOC value according the ISO 16000-6 :2006 standards. The external certified laboratories “eco-INSTITUT” and Tecnia have tested and classified those products according the criteria defined on the Decree N° 2011-321 of March 23rd of the French Government.

As result of these tests, some products have obtained the **A+** Class. This classification certifies our products as low emission products and it also shows the commit of **PINTURAS DECOLOR** with the environment respect.



**DECOLOR** products with **A +** classification:

MATT D-600  
MATT MONT BLANC  
MATT NIGER  
MATT EXTRA  
MATT INDUSTRIAL  
MATT DECORATION

SPECIAL SATIN  
MONTREAL SATIN  
MEDITERRANEAN SATIN  
SEDA

SINTRA GLOSS  
SINTRA SATIN  
SINTRA MATT  
SINTRA WHITE GLOSS  
SINTRA WHITE SATIN  
SINTRA WHITE MATT

AQUA INDOOR VARNISH GLOSS  
AQUA INDOOR VARNISH SATIN  
AQUA INDOOR VARNISH MATT

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