

SERIE

LIGNOCROM



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Light fastness
(UNI EN ISO 105-B02)

Yellow SG		7 - 8
Yellow K		5 - 6
Orange TT		3 - 4
Orange RB		4 - 5
Red BB-LS		4 - 5
Red M-SG		6 - 7
Red GL		6 - 7
Bordeaux M-SBSF		4 - 5
Bordeaux SB		5 - 6
Brown DB		6 - 7
Brown BD1		3 - 4
Dark Brown GR		6 - 7
Blue PGG 270%		5 - 6
Black R		5
Black W		6 - 7
Black TT		4

Lignocrom range products are metal-complex acid dyes in powder form selected for wood application. Thanks to their transparency, high colouring strength and elevated shade brilliancy, they are perfect for wood base tinting and added in wood primers. The high purity powder form improves the solubility in water and water-based varnishes even at low temperature.

Application recommendations

Lignocrom products are suggested for wood staining, as base tinting or primer coloration. These products may also be used for dipping wood coloration, even if it is not the most high-performance Cromatos range for this peculiar application, due to the low penetration in wood structure. **Lignocrom** powders present high solubility and can be added directly in water-based varnishes or pre-dissolved in water and then mixed to the final formulation. Recommended concentration is within 0,5-2% w/w on the weight of final dyeing formulation, and depends on the desired colouring intensity. Nevertheless, tests about compatibility with the varnish and colour strength trials must be performed prior coloration.

The light fastness of the dyes selected for **Lignocrom** range is medium-high, making them perfect for home furnishings coloration, but not suggested for outdoor application. However, reported data represent mean values because the lightfastness should be evaluated each case, since it depends not only on the colour and its concentration, but also on wood essence.

Lignocrom dyes can be mixed in any proportion to obtain the desired shade. It is important to underline that, when applied on wood, the colour may change due to the combination of the dye chroma with the shade of undyed wood. Thus, the same powder colour at the same concentration, applied to different wood essences, may achieve different final shades. Even the penetration of the colour changes, when applied to several wood types. Another key feature is the transparency of **Lignocrom** dyes, that permits not to cover, but to enhance the base grain when applied to valuable essences.

Application methods

After **Lignocrom** dyes addition in water or better in water-based varnish, the application on wood can be done manually by brush, roller and pad, or by spray technique. Solvents as alcohols or ketones may be added to the formulation to accelerate the drying process. By changing the application method, and the number of over layers, different colour strengths and wood effects can be obtained.

All information is based on the current state of our knowledge and on the results of our tests, but they are given without guarantee. The Buyer remains responsible for verifying that the products are suitable for his intended process or purpose. Tests before the industrial use of the product are recommended.



**COLORANTI, PIGMENTI E PRODOTTI CHIMICI PER L'INDUSTRIA
INDUSTRIAL DYES, PIGMENTS AND CHEMICAL PRODUCTS**

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