



## TECHNICAL DATA SHEET

# WAXY IMPREGNATING

Name: WOODCOLCER IMPREGNATING  
Code: 151.00000  
Color: CLEAR, CHESTNUT, WALNUT  
Appearance: SATIN  
Packaging: KG 25 TIN  
Availability: ON REQUEST

Specific thinner: [SYNTETHIC](#)  
Name: SYNTETHIC DILUENT  
Code: 800.93405

### WHERE TO USE

Protective wood impregnating agent thanks to its high penetration capacity and high dry residue. Its formulation is characterized by the presence of an anti-UV filter and a waxy additive that hinders the absorption of liquids such as rain, so it is particularly suitable for garden furniture, pergolas, fences, balustrades, boards, doors and windows.

**Non-yellowing product.**

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### CHEMICAL AND PHYSICAL CHARACTERISTICS

#### Referred to the undiluted one-component product

The physical constants are indicative and subject to normal production tolerances in accordance with ISO 3534-1.

Calculated specific weight	Kg/L $0.880 \pm 0.020$ L/Kg $1.130 \pm 0.020$
Calculated dry residue	Weight $45\% \pm 2\%$ Volume $40\% \pm 2\%$
Binder	ALKYD
C.O.V.	< 500 g/L
Calculated theoretical yield* dry film 35µm	13 mq/Kg 12 mq/L



Via Giorgio Ambrosoli 10/12 50138 Florence - Italy  
Phone: +39 055 8503108 - Fax: +39 055 9900125  
VAT Number 00433270485  
[www.colgom.com](http://www.colgom.com) - [colgom@dada.it](mailto:colgom@dada.it)



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\* The yield must be evaluated from time to time, as it is conditioned by multiple external and environmental factors that are variable during the application phase. In estimating the quantities necessary for the execution of the work, it is also necessary to consider the possible losses of material during mixing and application.

Drying	Air T° 25°C Relative humidity 70%
Dry to the touch	4 - 5 hours
Dry in depth	after 7 days
Overpainting	after 24 hours

## APPLICATION INSTRUCTIONS

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### Optimal conditions for the application

Temperature not lower than 5°C, and anyway when the T° of the surface is at least above dew point.  
Relative humidity not exceeding 80%.

Note: Excessive moisture or condensation during polymerization can negatively interfere with the polymerization itself and / or cause discoloration. Above or below normal conditions it may be necessary to use special application techniques and particular dilution ratios.

### How to treat the surface

The surface must be clean and dry. A suitable method must be used to remove dirt, dust, oils and other contaminants that could interfere with the adhesion of the product.

If the product is used on wooden structures placed in outdoor environments, the average humidity of the wood should not exceed 12% for hardwoods such as walnut, cherry and oak, or 15% for coniferous wood such as fir, larch, pine and cypress.



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### New wood:

Sand the smooth, planed surfaces of the wood in the direction of the fiber. Next, carefully clean and remove impurities from the wood such as resin and residues. To remove the highly resinous parts, it is advisable to wash and rinse the affected area using a universal nitro thinner.

Recommended thinner	<a href="#">Polyvalent Nitro Thinner</a>
Name	NYTROCOT DILUENT
Code	800.93605

### Untreated old wood:

Sand aged and greyed parts to obtain a sound bearing surface. Thoroughly clean the wood to be treated, removing all traces of dust.

### Treated wood:

If previous paints are no longer adherent, they must be completely removed by sanding.

If previous paints are present, and they are adhering, the surface must be roughened with fine abrasive paper and all traces of dust must be thoroughly cleaned.

Note: After each surface preparation operation, it is always necessary accurate blowing by dehumidified compressed air as indicated in the ISO 8573 standard.

### Mode

By roller	SUITABLE
By brush	SUITABLE
By spray	NOT SUITABLE
Note: Taking care to reach the required thickness	



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### MIXTURE AND DILUTION

Both depend on the application method.

The use of a diluent other than the specific one indicated may have a negative effect on the behavior of the coating applied, with the cancellation of guarantees also explicitly expressed and / or agreed upon.

Note: Carefully mix the product before dilution. Adding the thinner and mix again.

#### Roller application

Maximum dilution 5%, taking care to reach the required thickness.

#### Brush application

Maximum dilution 5%, taking care to reach the required thickness.

### INSTRUCTIONS FOR STORAGE

The product must be stored in accordance with national regulations. After the indicated period of time, check before use to verify the integrity of the product. Storage at high temperatures significantly reduces the period of use of the product.

#### Impregnant

12 months from the date of production in sealed can, as long as the material is placed indoor, away from heat sources, protected from frost and anyway within the limits of 4 - 30°C and humidity 0 - 80°C.

### HEALTH AND SAFETY

To be used exclusively for the uses and conditions shown on this data sheet.

In applications it is always necessary to provide adequate room ventilation.

Do not inhale the nebulised paint. Do not eat, drink or smoke during use. Do not disperse into environment. Collect spillages.

Dispose of the product / container in accordance with national regulations.

The product causes serious eye irritation. Wearing protective gloves / clothing. Protecting eyes / face. In case of contact with the skin, removing the paint with a suitable detergent, soap and water. Keep out of reach of children.

**In case of need, consulting Niguarda Hospital's venoms Center at the number 02/66101029**

For detailed information on health and safety hazards and precautions for the use of this product, always consult the Safety Data Sheet.



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### **Please Note:**

Since the conditions of use of our materials are not under our direct control, we decline any responsibility for the improper use that is made of them, for the direct or indirect damages that can derive from their use towards anyone and for the duration in time of the product after its application.

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### **Revision N.01/2019**

This data sheet replaces all the previous ones.



**COLGOM**  
VERNICI INDUSTRIALI

Via Giorgio Ambrosoli 10/12 50138 Florence - Italy  
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