



Wood Protection & Treatment DECOR XYLOFARM AQUA GEL

Technical Data Sheet

Reviewed: 10.07.2024



DESCRIPTION

DECOR XYLOFARM AQUA GEL is a non – drip, fast drying waterbased wood stain and varnish for easy and convenient application on vertical and horizontal surfaces with excellent performance and coverage. Based on a new hybrid polyurethane and acrylic technology enriched with a blend of waxes and new technology special waterbased resins, it penetrates into the wood protecting it against common environmental attacks. Contains special UV filters for effective protection from exposure to the sun ultraviolet rays. It is water repellent and protects wood from discoloration, blue stains and deterioration which helps to avoid insect infestation. Offers effective protection from all weather conditions and enhances wood's natural beauty. Due to its ingredients, protects the dry film from fungus growth especially in areas exposed to high humidity or/and adverse weather conditions. It is almost odorless and environmentally and user friendly. It is suitable for interior and exterior use. It is available in colorless and many natural shades of wood.

ADVANTAGES

- **3 in 1: protects, decorates, waterproofs**
- Non drip formula
- New hybrid technology
- Long term protection – up to 7 years
- Enriched with a blend of waxes
- Friendly for the environment and the user
- Contains UV filters
- Excellent penetration
- Highly elastic, does not peel, crack or blister
- Resistance to ageing
- Very easy application
- Interior and exterior use

APPLICATIONS

- Protection, decoration & waterproofing of wooden structures
- Ideal for easy application on vertical timber constructions and ceilings without dripping, offering excellent surface adhesion.
- Total protection and care of new wood constructions such as doors, window frames, ceilings, claddings, fences, roofs, pergolas and any other wooden surface.
- Protection of existing wooden surfaces, constructions and furniture.

INSTRUCTIONS FOR USE

1. Wooden surfaces must be clean from dust and grease. To remove grease, oils and dust use acetone. Remove wood resin using nitro solvent.
2. Remove old varnishes and paints with paint & varnish remover **STRIPP & CLEAN**.
3. Humidity must not exceed 15% for softwood and 12% for hardwood.
4. When treating new wood, apply 2 coats of wood preservative **XYLOFARM PROTECT AQUA** before staining. In case of damaged wood by wood boring insects, apply **XYLOFARM AQUA KILLER** before staining.
5. Then apply **DECOR XYLOFARM AQUA GEL** in 2-3 coats. When exposed in extreme weather conditions a third layer must be applied. Use colorless - transparent **DECOR XYLOFARM AQUA GEL** during the second or third layer for lighter shades.
6. Light sanding (#220 – 280, 3M Fre – Cut™ 618) the wooden surface before application and between layers will guarantee proper adhesion and penetration along with best aesthetic result.
7. Touch dry in ½ hour and recoatable in 2 – 4 hours during summer. During winter expect 1 hour to be dry to the touch and 4 – 8 hours to recoat.
8. **DECOR XYLOFARM AQUA GEL** offers a semimatte finish. For gloss or satin finish apply a topcoat of **WOOD VARNISH AQUA GLOSS** or **SATIN**.
9. Close lid tightly after use and store in a cool place away from direct sunlight.

REMARKS

Do not paint surfaces under direct sunlight. The wood stain will dry too quickly and will minimize the penetration effect. Painted surfaces must not be exposed to rain for the first 48 hours. Protecting horizontal flooring surfaces requires application of a floor varnish after the wood stain such as **PARQUET VARNISH AQUA**. For optimum wood protection, do not use colorless **DECOR** outdoors without pigmented under coat. Water based products are best applied with synthetic bristle brushes in contrast to solvent based products which are best applied with natural bristle brushes. During application and curing, temperature must be greater than 10°C and humidity below 70%.

CLEANING

Clean tools immediately after use with water and detergent

COVERAGE

9 - 13 m²/Lt/coat depending on wood absorption

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COLOUR SHADE	CODE	BARCODE
White 750ml	5751	5204094057512
White 2,5Lt	5752	5204094057529
Transparent 750ml	5749	5204094057499
Transparent 2,5Lt	5750	5204094057505
Pine 750ml	5757	5204094057574
Pine 2,5Lt	5758	5204094057581
Oregon 750ml	5790	5204094057901
Oregon 2,5Lt	5791	5204094057918
Oak 750ml	5753	5204094057536
Oak 2,5Lt	5754	5204094057543
Light Oak 750ml	5838	5204094058380
Light Oak 2,5Lt	5839	5204094058397
Chestnut 750ml	5755	5204094057550
Chestnut 2,5Lt	5756	5204094057567
Walnut 750ml	5761	5204094057611
Walnut 2,5Lt	5762	5204094057628
Iroko 750ml	5836	5204094058366
Iroko 2,5Lt	5837	5204094058373
Teak 750ml	5759	5204094057598
Teak 2,5Lt	5760	5204094057604
Olive 750ml	5832	5204094058328
Olive 2,5Lt	5833	5204094058335
Wenge 750ml	5763	5204094057635
Wenge 2,5Lt	5764	5204094057642
Mahogany 750ml	5862	5204094058625
Mahogany 2,5Lt	5863	5204094058632
Gray 750ml	5834	5204094058342
Gray 2,5Lt	5835	5204094058359
Cypress 750ml	5864	5204094058649
Cypress 2,5Lt	5865	5204094058656
Blue 750ml	5866	5204094058663
Blue 2,5Lt	5867	5204094058670

TECHNICAL CHARACTERISTICS

Type: polyurethane modified waterbased acrylic resin

Form: liquid

Color: 16 colors

Odor: characteristic

Specific gravity: 1,05 ± 0,05 kg/Lt, 25°C

Viscosity: thixotropic (GEL)

Application: brush, cloth, airless spray

Application temperature: 10°C – 35°C.

Thinning: no thinning required, ready to use material

Drying time: touch dry after 0,5 hours, recoat after 2 hours at 25°C

VOC (Volatile Organic Compounds) EU limit value for this product category A/e Interior/exterior trim varnishes and woodstains, including opaque woodstains: 130 gr/lit (2010). This product contains max 60 gr/lit VOCs

STORAGE

Store in dry and cool storage conditions at temperatures 5°C -30°C. Protect from moisture, frost and direct sunlight

SHELF LIFE

At least 36 months in unopened containers. Products should remain in their original unopened containers, bearing the manufacturers batch number.

PACKAGING

750ml, 2,5Lt

HEALTH AND SAFETY INFORMATION

Consult Material Safety Data Sheet prior to application.

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



TECHNICAL SUPPORT

210.5590460

MONDAY TO FRIDAY 8:00 - 16:00

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DECOR XYLOFARM COLOUR SHADES



White



Transparent



Pine



Oregon



Oak



Light Oak



Chestnut



Walnut



NEW

Iroko



Teak



Olive



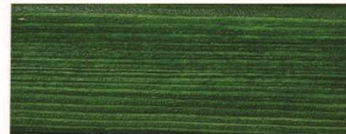
Wenge



Mahogany



Gray



Cypress



Blue

NEW

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