

**A PREMIUM TREATMENT FOR
ENVIRONMENTALLY CHALLENGED WOOD**

WAX SOL

OUTDOOR TIMBER CARE

PREMIUM PRODUCT OF SOUTH AFRICA

"IF IT DOES NOT SAY GLYCOTECH WAXSOL IT IS NOT GLYCOTECH WAXSOL"



GlycoTech WaxSol
is manufactured by
GlycoTech South Africa



ORIGIN OF GLYCOTECH WAXSOL

GlycoTech WaxSol has developed a unique process which is constantly being refined through continual testing and analysis to ensure a superior treatment for environmentally challenged wood. GlycoTech WaxSol is proven to be a product which, if used as specified, will have no harmful effects on the environment and which can therefore be used with confidence.

GlycoTech WaxSol is a polyurethane based oil with unique properties for the treatment of wood and timber. The S.G. (specific gravity) of the oil is 1.025 kg per litre ensuring water does not replace the GlycoTech WaxSol applied to treated timber. GlycoTech WaxSol is a “green amber” drying oil and protective surface sealant.



CONSISTENT SEASONAL EASE OF APPLICATION

GlycoTech WaxSol is easily transferred and poured regardless of weather conditions. Unlike other similar products, GlycoTech WaxSol has excellent manageability properties at low and even extremely cold temperatures and remains fluid and pourable.

BENEFITS OF GLYCOTECH WAXSOL

1. GlycoTech WaxSol is a 100% South African product designed according to EoL (end of life) requirements method. **Go Green** with GlycoTech WaxSol it is the right thing to do.
2. It is 100% polyurethane concentrate, with no hardening catalyst; needs only sun light and moisture to cure.
3. GlycoTech WaxSol uses the low percentage of moisture in the wood to form a seal in the cell structure.
4. Easy to apply with brush, roller or spray gun application.
5. GlycoTech WaxSol has biocide and fungicide properties.
6. A good application is 4-5 m² per litre.
7. Used as prescribed by the manufacturer and by adhering to health and safety standards being safe for man and animal.
8. Contains magnesium and iron as UV filter and Zirconium as a chemical barrier and Phenolic resin Flame Retardant.
9. GlycoTech WaxSol has a low odour when applied and while curing.
10. GlycoTech WaxSol is an economical and premium option for treatment and sealing of wood and timber.
11. GlycoTech WaxSol wood and timber sealant can be used as a wood stainer or protective coating
12. GlycoTech WaxSol on application to garden furniture and jungle gyms would require an additional varnish finish.



SEALING AND TREATING WOOD & TIMBER WITH GLYCOTECH WAXSOL



No matter what the project is, gates, wendy's, lapa's, doors, picket fences, agricultural poles, step decks, pallets, skid-boards, window frames, beehives, stables, dog houses etc. GlycoTech WaxSol is a tightly structured urethane blend able to penetrate into the cellular structure of wood, the ideal sealant for environmentally challenged wood and timber. GlycoTech WaxSol oil withstands weather changes and moisture fluctuations without loss of its flexible integrity. Soft oily appearance but dry to the touch in one to two days.

- Clean the area and remove flakes, the wood should be fairly dry.

- Use a brush or roller to apply GlycoTech WaxSol.
- Good application temperature is between 10° and 38° Celsius, permitting for 2 days of good weather, at 25° Celsius and about 4 hours the area should be touch dry. Depending on the treatment level brushed or dipped, it could take up to 3 days to cure, dependent on sunlight to cure.
- First application should be about 4 to 5 square meters per litre if the application is still penetrating apply a second coat.
- A second coat can be applied after 16

hours at 8 to 10 square meters per litre ensuring a good surface seal.

- On large projects it is recommended that the appropriate amount of oil is mixed in one container to ensure an even tint on the finished project. GlycoTech WaxSol has a meranti/ kiat finish that could be intensified by adding a wood stain to the GlycoTech WaxSol.
- GlycoTech WaxSol can be applied to surfaces previously treated with varnish rejuvenating it.
- Use thinners or petrol to clean used equipment.

ERECTING POLES, SOLID FENCES AND PICKET FENCES

- To remove the soil and dust and old surface layer, grey wood cells and expose a fresh layer of wood, use a power washer or a tough bristle brush. A garden hose can also be used.
- Use a paint roller or brush and apply a good soaking coat to the wood and leave the fence to absorb the GlycoTech WaxSol fully.
- Then treat the foot sections methodically, progressing along the fence. If the GlycoTech WaxSol sinks right in and leaves the panels looking dry, add additional coats.
- Take care to work the GlycoTech WaxSol into all the cracks and corners, where moisture can collect.

- Any traces of green or black mildew should be treated with a mold or mildew cleaner to clean off the biological matter and kill off the cause, so it does not come back after just a few months.
- Wooden fence panels should always be protected from the elements by using wood treatments and wood oils.
- The GlycoTech WaxSol makes for an excellent fence treatment as it helps to keep the timber water resistant, supple, and contains magnesium and iron UV filters which help to protect the panels from the effect of the sun.
- The GlycoTech WaxSol has a tint complimenting light sap wood and it will pre-

serve the new layer of fresh wood and also helps to prolong the life of your fence.

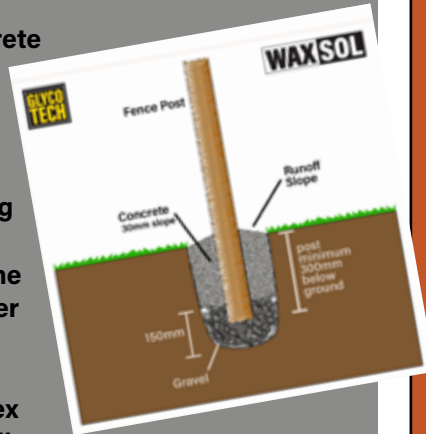
- GlycoTech WaxSol stains while keeping a natural wood appearance. In rainy areas you will probably need to seal the fence more often than the average. There isn't a specific timescale. It depends on how your fence looks. When water no longer beads on the surface but soaks into the wood, you need to re-seal.
- GlycoTech WaxSol should last 2-3 years, but it is better to be pessimistic and do an inspection every six months to establish the condition of the wood, since fences tend to get such a battering.



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USEFUL TIPS

- Put 150mm of gravel at the bottom of your post hole, for drainage. Your post should be submerged a minimum of 300mm into the ground.
- Pour enough concrete around the pole for it to be visible above the soil level. Smooth the surface, ideally making it slope away from the post towards the ground so any water runs off.
- Use a top quality exterior acrylic latex caulk, or special silicone designed to stick to concrete, at the base of the post to seal the gap between the concrete and post. If there isn't a gap yet there soon will be, caused by repeated change in temperature, wetting and drying.



WAX SOL

GUARANTEE

The product is quality guaranteed to last under normal conditions, provided that the "Instructions of use" are followed by the customer.

GlycoTech does not incur any liability or obligation other than such replacement obligation, in particular GlycoTech does not incur any liability for remedial and or any consequential loss or damage.

WARNING/NOTIFICATION

- When applied and the color is not satisfactory remove immediately with a power washer.
- Do not mix GlycoTech WaxSol with old motor oil, hydraulic oil, water or acids.
- Use clean containers and as a rule use only paraffin to thin the product for ease of application.
- Do not use on food preparation surfaces.
- Store in original container out of direct sun light, ensure it is properly closed and stored. Equipment can be cleaned with thinners or petrol, both with significant fire hazard.

TREATING NEW TIMBER/POLES/POSTS



How can you stop timber, poles and fence posts from rotting, or at least keep them in good condition for the longest possible time? Before they go in, it's particularly important to coat the posts well, paying particular attention to the end of the post where the timber meets the earth or goes into the concrete. Fitting your garden fence posts properly in the first place makes a big difference. Posts often fail because of poor drainage and low quality wood.



- Never use inexpensive posts. Choose darker, stronger hard wood posts, which are much denser and last a lot longer.
- Dip, submerge the ends of wooden fence posts in Glyco-Tech WaxSol for 12 hours before installation. Use a bucket or other deep container, remember to coat the rest of the post with two coats while the ends are soaking. Let it sun dry.
- Once the GlycoTech WaxSol has fully penetrated, the surface will dry within 24 to 48 hours.

The background of the entire page is a dynamic splash of yellow liquid. In the top right corner, a white container is shown pouring the liquid. The liquid forms a large, central splash with several smaller droplets trailing off to the left and bottom. The GlycoTech logo is positioned in the upper middle, partially overlapping the splash.

GLYCO TECH

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