APPLICATION ON WOODEN TOPS

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BEFORE YOU START

We highly recommend you watch the following "How To" videos available on www.mixxcement.co.za (Homepage -> How To)

Basic Mixx | Troweling
Serious Seal
How To Finish Edges

All of the above videos will be relevant to successfully coating your wooden tops.

SHOPPING LIST

- [ ] **Mixx Powder** (This kit covers 6-9 m^2 per coat surface dependent)
- [ ] **Mixx Colour Binder** (Colour of your choice)
- [ ] **Mixx Neutral Binder** (Used to thin product)
- [ ] **Mixx Bio Clean** (Used to clean surface)
- [ ] **Mixx Primer** (Only needed if you wish to stop oil/wax bleed)
- [ ] **Mixx Serious Seal** (Sealer)
- [ ] **Mixx Trowel Set**
- [ ] **Blondie Brush, Cut pile roller & Pan** (Used to seal)
- [ ] **P120 Sandpaper** (1 sheet per kit you purchase)
- [ ] **Mutton Cloth**

ADDITIONAL HOME TOOLS

- [ ] **Electric or Hand Whisk**
- [ ] **Bowl**

METHOD

There are various wooden top surfaces and each one gets prepared differently prior to applying Mixx. It is also important to note that wood can expand and contract and this can also affect your final finish

Preparation - Wax or Oil Residue

1. Wash wooden top with Mixx Bio Clean and ensure that you scrub and remove all oil, grime and dirt.
2. Rinse very well with water by removing all soapy Mixx Bio Clean residue.
3. Allow the surface to dry. If the wooden top is porous, it could take a full day or more to dry.
4. Use P120 sandpaper to sand and ensure all dirt and residue is lifted. This will provide a perfect surface for the primer or trowel coat to adhere to.
5. Should there be oil and grime collecting on sandpaper, repeat the above procedure until you are satisfied with the top being clean.
6. If you are satisfied that you have removed ALL wax and oil residue but are still concerned about bleed from wax or oil, apply one coat of Mixx Primer and allow it to dry for 24 hours.

Preparation – Varnish

1. Should your table be varnished with a gloss varnish, ensure you wash surface with Bio Clean as above and rinse well with clean water.
2. Dry the surface with a clean towel.
3. Using P120 sandpaper sand surface and check there is no wax or varnish residue collecting on the paper. If so, repeat the wash.
4. Once surface is clean sand and break the entire surface to create a key.
5. Make a paint Mixx as per the instructed video. This mixture will become your slurry which will aid adhesion. Leave to cure for 12 hours.

Preparation - Joints

1. Dependant on the finish clean the surface as per above recommendations.
2. Leave the surface to dry.
3. Slurry the entire surface and leave to CURE for 12 hours.
4. Using Rhino tape close joint and cross over with tape (important to watch "Remedy a joint in wood" video).
5. Trowel first coat over tape and leave to CURE for 12 hours.
6. Follow application instruction.

** Please note that wood can expand and contract and joints even though remedied can move apart over time.

Application

1. Make a Basic Mixx, as per the recommended video.
2. Ensure you look at the Troweling video as well.
3. Trowel your first coat and leave to CURE for 1 - 4 hours, weather dependent (ensure the bottom coat is sound enough before applying another coat).
4. While troweling the coats, use a length of soft plastic or a brush to finish the edges off (see "How To Finish Edges" video)
5. Apply the second coat. If you feel you need some more coverage, apply a third coat.
6. Once you have applied your final coat, leave the surface to CURE for a minimum of 48 hours and ensure there is ventilation.
7. It is important that during the curing time, the surface is not exposed to any water. It could leave unsightly marks on your surface, as well as cause blistering and delamination.

Sealer

1. Ensure that the surface has been left to cure for a minimum of 48 hours before applying the sealer.
2. You can seal your tops with either our New Improved Serious Seal or Supreme seal depending on the look you wish to achieve and the amount of time you have available for curing.
3. Follow the instructions below for the Sealer of your choice.

METHOD CONTINUED →

NOTES

QUICK OVERVIEW

- Watch videos
- Clean surface
- Sand
- Prep
- Trowel 2 – 3 coats
- Finish edges
- Cure
- Seal

It is IMPERATIVE to follow curing instructions for optimum strength of your cement project.

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METHOD CONTINUED

New Improved Serious Seal

Serious Seal is a single-pack polyurethane sealer that will leave you with a matt hardwearing surface. It is a 3-coat application. Serious seal can be applied to a fully cured Mixx surface (surface to be cured for 48/72 hours and cannot be exposed to rain or excessive water in this time). Once sealed with Serious Seal the surface can still not be exposed to water or moisture, no damp cloths or mops for a further 72 hours. Full cure is achieved in 7 days. Precaution must be taken when moving heavy objects prior to full cure and it is best not to cover the surface until full cure is achieved.

1. Ensure your surface has cured for minimum of 48/72 hours (the longer the curing process the stronger your finish).
2. Ensure your surface is smooth and all high points have been sanded smooth using P120 or P200 sandpaper. Dust the surface well.
3. Seal your surface with our improved Serious Seal in a three-coat application, allowing 3-4 hours between coats. Use a sponge applicator or a mohair roller and blondie brush and apply the cut and roll or sponge method, ensuring an even film thickness is achieved (see Serious Seal video).
4. Take note: Serious Seal surfaces will be trafficable in 48 hours but can only be exposed to moisture in 72 hours and will achieve full cure in 7 days.

Supreme Seal

Supreme Seal is a twin pack, solvent-based polyurethane sealer that is extremely hardwearing and has a semi-gloss finish. Supreme Seal is applied in a single coat application and can be exposed to water or moisture within 24 hours but will take 5 days to fully CURE, so precaution must be taken when moving heavy objects on the surface and it is best not to cover the surface until full CURE is achieved. Supreme Seal can pull your colour down, especially the darker DIY colours and the DIY organics range. It is recommended to apply two coats of Silly Seal to retain your colour, with 12 hours drying time after the final coat, before applying Supreme Seal in a single, even film thickness. Supreme Seal is UV stable, has good chemical resistance, is trafficable and can tolerate water within 12 hours, careful care must be taken, and surfaces must not be subjected to heavy objects until full cure and strength is reached in 5 days.

1. Before sealing ensure that your surface has been left to CURE for a minimum of 48 – 72 hours before applying sealer (the longer the curing process the stronger your finish).
2. Ensure your surface is smooth and all high points have been sanded smooth using P120 or P220 sandpaper. Dust the surface well.
3. If necessary (dark DIY colours and DIY organics), seal with two coats of Silly Seal allowing minimum of 4 hours before applying second coat and then leave for 12 hours to fully dry before applying Supreme Seal (see Silly Seal video).
4. Ensure you watch Supreme Seal video. Mix Part A using a flat paddle and ensure that any residue on the bottom has been thoroughly mixed. Add Part B to Part A, ensuring you shake out all the contents of Part B. Mix well for a few minutes using a flat paddle.
5. Apply a single coat of Supreme Seal using a mohair roller and blondie brush and apply the cut and roll method, keeping an even film thickness.
6. Avoid applying Supreme Seal in temperatures below 5^0 or above 30^0 Celsius.
7. Avoid applying Supreme Seal in a direct breeze.
8. Roll slowly and cross hatch, ensuring all pinholes or entrapped air bubbles are not visible and you have a smooth finish.
9. Note Supreme Seal is trafficable and can tolerate moisture within 12 hours, but it takes 5 days to fully CURE.

NOTES

TERMINOLOGY

SLURRY
A thinned out mixture (Painting Mixx) used as a primer.

CURING
Mixx Cement does not DRY, it CURES. It takes anything between 1 - 3 days to cure, depending on the application. It is important to follow curing instructions for optimum strength of your cement project.

PULL COLOUR DOWN
This is the darkening of the cement or finished colour due to the properties of the sealer used.

MOVEMENT
The lovely mottled finish that is achieved from trowelling cement.

WINSCREEN WIPER TECHNIQUE
The technique used when trowelling.

CROSS HATCH WITH WINDSCREEN WIPER
Is using a criss-cross motion over your windscreen wiper technique to optimize the movement on your surface finish.

BURNING
The speed at which the trowel moves over your final finish and creates more movement.

CUT & ROLL OR CUT, ROLL & WIPE
The cut & roll method of sealing is when you cut and roll simultaneously and the Cut, roll & wipe method is when you cut roll and wipe off excess sealer

The above application information is given in good faith, it must however be noted that your application can vary in surface, finish as well as technical nature. Mixx cement expresses no guarantee or warranty that this system will work for your application.
Mixx Cement is committed to you successfully applying our product to your project, if you are unsure about any application, please feel free to contact us for advice on hello@mixxcement.co.za.