



VAPOUR BARRIER APPLICATION WITH TAL VAPOURSCREEN WB

FOR USE ON HIGH MOISTURE CONCRETE AND SCREEDED SUBSTRATES

Moisture tolerant two component water-based epoxy moisture and vapour barrier that reduces the risk of debonding of coverings where high moisture vapour emission rates (MVER) are present.

TOOLS AND EQUIPMENT



Surface preparation equipment such as a diamond grinder.



Broom, slow speed drill (350rpm), mixing paddle, short pile Mohair roller, moisture meter, rubber squeegee, PPE.

PREPARING THE SURFACE



New concrete work and screeds must be allowed sufficient curing time.



The substrate must be of significant strength & integrally sound.



Repair all damaged areas.



Prepare the surface to remove surface contaminants.



Preferably by light mechanical abrasion, such as diamond grinding, captive sandblasting, etc.



To achieve a clean and lightly textured surface consistent with a Concrete Surface Profile (CSP) value of 2-3 (Light-Medium).



Sweep thoroughly to remove all traces of dust and loose particles.



Vacuuming is preferred.

MIXING



Mix full packs only. Do not part mix. Add all of the **Base** component into the **Hardener** component.



Mix using a slow speed drill (350 to 500rpm).



Rotate the mixer throughout the drum. Mix for 5 minutes until the mix is uniform in colour and consistency.

APPLICATION ON SMOOTH DENSE SURFACES



2 coats of TAL Vapourscreen WB are required. Pour the mixed product onto the surface.



Apply the first coat using a short pile Mohair roller.



Eliminate any bubbles with repeated medium to hard pressure rolling.



Allow to dry within the stipulated Recoat Time before applying the second coat.



Apply the second coat in a **cross-direction** to the first coat.



Ensure a uniform Wet Film Thickness across the surface, with no pinholes or gaps in the application.



APPLICATION ON ROUGH SURFACES



2 coats of TAL Vapourscreen WB are required. Pour the mixed product onto the surface.



Pull across the surface with a rubber squeegee.



Then back-roll with a short pile Mohair roller, ensuring a uniform Wet Film Thickness across the surface.

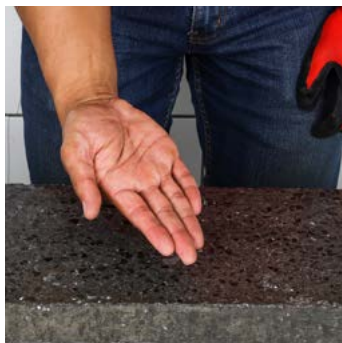


Apply the second coat in a **cross-direction** to the first coat, within the stipulated Recoat Time.

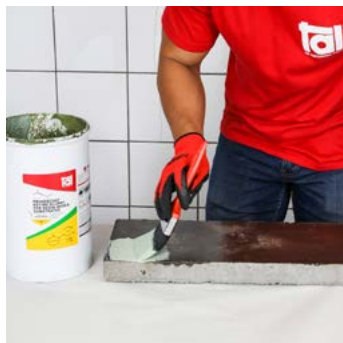


Ensure there are no pinholes or gaps in the application.

FOLLOW ON LAYERS METHOD 1



Allow the TAL Vapourscreen WB to cure for the stipulated Recoat Time.



Apply TAL Primercoat 1K cementitious keying slurry, ensuring complete coverage over the TAL Vapourscreen WB.



Allow the TAL Primercoat application to dry for 1-2 hours.



Apply TAL Screedmaster according to the instructions.

FOLLOW ON LAYERS METHOD 2



Immediately after applying the second coat of TAL Vapourscreen WB, broadcast TAL Primer Aggregate (SQ2) into the wet TAL Vapourscreen WB.

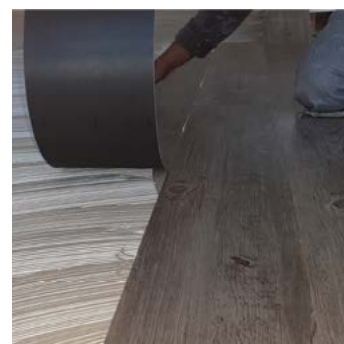
The surface must be fully blinded with the aggregate. Leave to dry for a minimum of 2 hours.



Remove any excess or loose Aggregate by sweeping, followed by vacuuming.



Apply TAL Screedmaster levelling compound according to instructions.



Once the TAL Screedmaster has cured, the floor is now ready to receive the final covering.



Click the Youtube icon to watch this step by step video on our channel

TAL FREE TECHNICAL ADVICE CENTRE: 0860 000 TAL (825) • taltech@tal.co.za • www.tal.co.za

Johannesburg: 011 206 9700 Cape Town: 021 386 1810 Durban: 031 579 2263