

METHODS OF APPLICATION

BOND & SEAL

DESCRIPTION:

BOND & SEAL is an acrylic based multi-purpose sealer and water-proofer which is white in colour but cures transparent.

BOND & SEAL will remain tacky after curing and requires over-coating.

APPLICATION METHOD OF BOND & SEAL SLURRY:

1. Clean the surface which is to be treated with wire brushes or high-pressure water to ensure all loose debris is removed.
2. Prime the dry concrete surface with a mix of 50% water and 50% "Bond & Seal" mixed, allow to cure.
3. Where there are cracks in the surface, open up as much as possible and fill with a mixture of 100% "Bond & Seal" and standard cement dust (preferably PPC).
4. Smooth off level with the surface.
5. Over the joints or cracks, use a polypropylene membrane (the grey biddum cloth used for agricultural drains).
6. Mix a mixture of 50% water and 50% "Bond & Seal" with cement dust to make a paintable slurry (not too thick but the consistency of a good quality paint).
7. Soak the membrane strips in the slurry mix and apply over the cracks, it is recommended that the membrane strips be approximately 100mm wide.
8. Work the soaked membrane onto the surface with a paint brush and allow to cure.
9. The concrete surface with no cracks does not require membrane.
10. First coat over the whole surface after the cracks are fixed with the 50% water and 50% "Bond & Seal" mixed with cement, apply with a block brush, a nice even thick coat.
11. Allow to cure for 24 hours.
12. Apply a final coat of 100% "Bond & Seal" (no water) with cement to form a paintable slurry for the final coat.

NOTES:

In the case of a warm climate, it is best to do the membrane repairs in short strips rather than long strips, due to the fact the slurry will start to thicken quite quickly in the heat.

If the slurry starts to thicken, add more of the liquid (either the 100% "Bond & Seal" or the 50/50% water "Bond & Seal" mix), depending on the coat being applied.