01 March 2011

NB: 003-2011

Chemind Waterproofing News Bulletin

Installation of Water-Based Liquid Membranes

Chemind takes great care in formulating and testing its membranes and associated primers, sealants and adhesives. It is important and **necessary** that when using a particular Chemind waterproofing membrane, that it is installed **correctly** and allowed to fully cure before following trades are allowed access.
Following are guidelines to be followed for internal or external areas – please ensure that you provide appropriate protective barricades or signage , inform the builder or area foreman as well as any following trades (tiler, plasterer, concretor etc.).

Note:

For any water-based membrane, including water-based PU (PUD) modified and latex membranes to fully cure, all water must have evaporated from the membrane coating.

Unless this occurs, the membrane structure may be permanently damaged by the premature placement of:

- **Tile bed**
- **Concrete topping**
- **Tile adhesive**
- **Insulation board**
- **Protection materials**

Although Chemind water-based membranes are formulated to be fast-cure, ambient conditions can slow the curing process. These include high humidity, still air, confined spaces, low substrate temperature, winter conditions, etc.

Chemind water-based membranes are CSIRO Class III certified to AS4858 – they cannot re-emulsify. However, if not allowed to fully cure they may be damaged by factors such as those listed above. Internal corners having thick membrane layers, often incorporating reinforcing fabric, may take up to 4 days to fully cure through in adverse conditions.

As a general rule, protect completed membrane work for 2-3 days before allowing access to other trades.

Should a faster curing system be required, Chemind Aquagard M Zero VOC Grey polyurethane membrane is appropriate for this use.

If you have any query regarding the correct use or selection of Chemind water-based membrane, contact your representative or our Technical Department on 1800 334 444.