

# SEAL A DAMP WALL OR BUND



When a full tanking system is considered relatively too costly or labour intensive, we are often asked for a coating to seal a damp wall in a garage, store room, bund or similar. "Damp Guard" liquid membrane is the ideal solution, being highly effective and very easy to use.

## 1. Surface Preparation

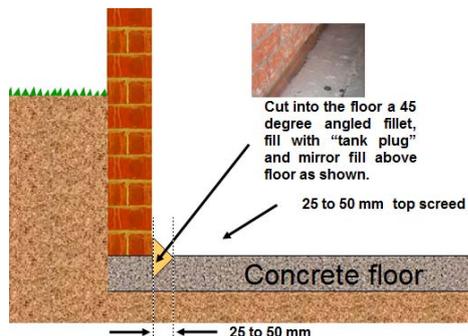
Clean the wall surface and remove friable mortar, flaking paint etc. Loose pointing should be made good using Kingfisher K-X11 in any repair mortar/ dubbing out mix. If the surface is unstable, it should be primed with Kingfisher K-X11, sand and cement (3:1) m.

## 2. Neutralise Salts

If the outside ground level is higher than the internal floor level it is likely that some salts will be present usually showing up as a white "fur" on the surface. These chlorides rapidly degrade surface coatings if not neutralised at time of installation so must be treated. Spray (or brush) the walls with Aquatech "Anti-Sulphate" 50:50 solution with water and leave overnight. Within 24 hours you should apply a further application of NEAT anti-sulphate.

## 3. Seal Wall to Floor Joint

The point where the vertical wall meets the concrete floor is the most common source of leaks in constructions wholly or partly below ground level. Ideally you should use an angle grinder to chase out a rough 45deg fillet along this joint which is then filled with Kingfisher "Barrier Mortar" as shown below:



Alternatively if the moisture ingress at this minimal just mix some sand, cement and K-X11 (50:50 with water) to form a small 40mm x 40mm fillet along the floor where it meets the wall.

## 4. Apply "Damp Guard"

Apply the first coat of "Damp Guard" liquid membrane by brush or roller, ensuring full even coverage. "Damp Guard" covers very much like a thick paint and is easy to apply to a correctly prepared dry substrate. The second coat of "Damp Guard" is applied at least 48 hours after the first coat. Note: The first coat appears touch dry within a few hours of application but it is crucial to allow the full 48 hours drying time, otherwise early application will prevent full cure and may ultimately cause delamination of the coating.

## 5. Finishing

When applied to a wall, the "Damp Guard" should be painted down and over the wall/floor joint fillet (see 3. above) by around 300mm around the floor perimeter. A neat finish can be achieved by masking the floor surface. "Damp Guard" can be over-painted but in most scenarios it provides an adequately decorative finish on its own.

