

# The Benefits of Wet Film Thickness Gauges

## **Wet Film Thickness Gauges – How To Use**

Just a short note on using a Wet Film Thickness Gauge (WFTG) when applying a liquid membrane.

A good contractor will generally use a wet film thickness gauge (WFTG) to ensure that the overall thickness of a waterproofing membrane is achieved. The contractor should check on each coat and add these together to read the overall wet film thickness (WFT). Once the membrane system is fully cured a dry film thickness (DFT) is achieved.

## **Inspection Test Plan – Why They are Vital**

These readings are taken as the membrane is installed and then again after its cured. These readings should be logged in an Inspection Test Plan of ITP (sorry about all these acronyms) to prove that a membrane has been installed correctly and will do the job it was designed to do.

There are various shrinkage rates for each membrane, and you should consult your manufacturer or supplier for the correct wet film thickness (WFT) before you apply.

I know many will be saying, 'aren't you telling us how suck eggs' but it's amazing how many waterproofing membranes are installed without this process.

## **The Consequences**

Once all states start to follow what's happening in NSW with the Commissioner on the warpath – pulling up jobs and re-doing jobs – at the contractor's cost – to prove the thickness because there was no Inspection Test Plan carried out, these ITPs will become standard procedure.

What I am saying is this – Please start doing this now so you're ahead of the game and show you're a professional water proofer.

## **Free WFT Gauge for AIW Members**

AIW Members - If you need a wet film gauge, let us know at the AIW and we will send you one (subject to availability).

By Paul Evans  
AIW President