

Installing H2Obvious Retrospectively, Where Insulation is Already In Place

The current “User Instructions” recommends that H2Obvious Model 1001 should be installed prior to the insulation media and outer cladding being applied for example new and re-instated stripped insulation, the H2Obvious model 1001 model and funnel arrangement can also be fitted Retrospectively, i.e. where insulation is already in place and is not currently in the schedule for strip, inspection and insulation replacement. This process can be utilised on the base of verticals and along the horizontals of pipes as well as at the 6 o’clock position of vessels, where the underside of the vessels and pipes are visible.

The simple installation process is as follows:

- 1, Drill a hole with a diameter of 30mm in the outer cladding on the under side of the insulation at the 6 o’clock position.
- 2, ‘Core’ out the insulation media to expose the pipe surface.
- 3, With the protection cap in place, take the black collector funnel only and extend the shaft to the maximum height. The white pipe mount may or may not be used in this process, when using the pipe mount simply mastic glue the support to the top of the extendable shaft.
- 4, Slowly insert and push the funnel into the drilled and ‘Cored’ hole until you feel resistance (The shaft has now touched the pipe surface) continue to push the funnel up until the funnel does not move further (This adjusts to the correct height of the funnel to the thickness of the insulation).
- 5, Using a standard (In-use) sealant or mastic, seal the funnel onto the outer cladding, ensuring there are no gaps or holes.
- 6, When the sealant is dry, remove the protective cap, gently replacing it with an H2Obvious detector vial/unit
- 7, Ensure you hold the base of the collector funnel with one hand whilst screwing on the H2Obvious vial/unit to the base of the funnel. Always make sure that the ‘O’ ring seal is engaged when screwing in place the H2Obvious vial/unit (You will feel resistance and a squeak when fully engaged)

H2Obvious is now fully fitted and in service



Bored Hole at the 6 O'clock position exposing bare pipe surface



Collector Funnel secured in place using a standard silicon sealant



Additional plate to secure the funnel, H2Obvious unit/phial screwed into place (Not essential)



H2Obvious detecting and activating the presence of fluid on the pipe surface under the insulation



This picture clearly shows fluid exiting the collector funnel from within the insulated pipe