

QA REPORT – [ADDRESS]

****Note**** Any names and references to the project have been removed for confidentiality reasons

2.6.13 Contractor...MR CONTRACTOR LTD

Applicator ... MR APPLICATOR LTD

Spoke briefly today to site foreman and I will reconfirm a pre install meeting with him and applicator tomorrow

4.6.13 Applicator is away so today I had a pre install meeting with site foreman who is very aware of our product and a great deal of our requirements. This project is not a full wrap only swelltite onto pre cast walls so although a good quantity of product there are no penetrations or tricky details, meaning there will be very little chance of problems.

16.6.13 Lift pit was today applied with voltex and the steel going in today with the concrete pour tomorrow.

23.6.13 The pit base has been poured and the in situ wall almost ready.

5.8.13 Any exposed membrane in under cover and protected by coreflute so no damage. The lift pit is now fully backfilled and the three large walls are still to be started.

24.8.13 Request by applicator to check wall on grid line M. Large holes up to 1metre deep were preventing application. Spoke with construction company, reinforced that holes needed filling and then membrane completely backfilled in 48hrs.They have agreed to this and will slightly over backfill to protect for edge for next lift.

25.8.13 The sub-contractor understands our requirements with the backfill on line M, but neither of us see things finalized until the end of the week. I will re visit on Thursday the 27th. When I spoke with site foreman I re enforced what we require of them regarding line M.

27.8.13 Line M is 60% backfilled and should be finished today.

2.9.13 Line M backfill finished and ready for the next lay of swelltite, which may be a few weeks away. Line R has 50% first lay of swelltite and the balance may need ultraseal until the next container of swelltite comes in next week. Site foreman is ready with backfill as soon as applicator is finished. Line 28 has been dewatered, fines laid and ready for the drain coil. Weather forecast is good for the next few days. The only wall on the gym to be water proofed has had the fist lay of swelltite finished and backfill completed today.

10.9.13 The site-foreman is organizing some more backfill tomorrow to some areas that feel short of the temporary termination. This will be necessary because the next lay up of swelltite is not due for two weeks and rain is predicted.

- 15.9.13 Checked today to ensure backfill had been put in place and also found out that application will start again tomorrow, change of plans.
- 29.9.13 Many small areas have hydrated and in a few of those areas the backfill will need pulling back to give us good membrane to lap onto. There is some discussion as to who will supply the labour to remove the backfill
- 17.9.13 Line 28 and half of line M (up to the water tanks) has had the second lay of swelltite applied and will be backfilled tomorrow. Some minor section of swelltite laps have started hydrating but will be easy enough to cover when the time comes. Weather good.
- 22.9.13 The final lay of swelltite has started to happen in places and the backfill is following close behind. Applicator back tomorrow, when more backfill is available.
- 29.9.13 Many small areas have hydrated and in a few of those areas the backfill will need pulling back to give us good membrane to lap onto. There is some discussion as to who will supply the labor to remove the backfill. I have used a glow spray to indicate the problem areas that will need attention.
- 7.10.13 Both applicator and construction company have dug in together and reworked the hydrated swelltite and sire foreman assures me that backfill is being started immediately after application.
- 13.10.13 All rework good, except an area on line M at the end of the water tanks, here I have suggested to sire foreman he has the temporary termination reinforced with M2000 to protect it. It is obvious the backfill is a while away because they are erecting scaffolding. This may need replacing if not protected.
- 20.10.13 Site visit today was mainly to check the detail of the corners of the lift pit, which had been done very well and I will leave the dispute between applicator and construction company has to who exposes the good membrane by removing a little of the backfill.
- 2.11.13 Lift pit now backfilled and only a small area of swelltite outside that is exposed.
- 1.12.13 Second and final lift of swelltite has gone onto the gymnasium wall with an excellent termination and the backfill is being placed tomorrow, promised by site foreman. All other areas around the perimeter are good except for a small section mid-way along line 30. The area will be an easy rework when final ground level is set.
- 16.12.13 All aspects of Volclay waterproofing looking very good. Went to retrieve the QA manual today but office lady asked if she could take a copy and then call when I can collect.