

15<sup>th</sup> July 2021

Milanovic Neale Consulting Engineers  
PO Box 8380 Woolloongabba, QLD. 4102

Attention: Mr. Marcus Bond

**Re: QUT GP Z Block Façade Repairs / Coatings Evaluation DFT's**

Good morning Marcus,

Thank you for the opportunity for CIS Australia to provide an assessment on the original DFT (dry film thicknesses) of the existing coatings systems on the Z block external facades at QUTs Gardens Point campus. We also utilised the services of Jack D'Arcy who supplied all the rope access equipment requirements and personnel to assist in completing the DFT measurements.

Below we have input all the relevant data received during our dft inspections at the 13 locations chosen on all the various façade components throughout the different elevations of the building. Each location was assessed with 5 spot readings across an area the size of an A4 sheet of paper and the averages were determined automatically by the Positector 6000 Gauge and 200C probe used for the inspections. I have attached the individual reports to this report for your perusal.

**DFT Testing Conclusions:**

With the information gathered after the dft testing of the areas as detailed above the following is the dft readings for the various areas where the new painting system has been applied.

1. The average coating thickness on the previously painted OFC (off form concrete) is the average readings based on the total reading taken on this type of substrate, i.e.: 2 locations x five spot readings average = 621 microns.
2. The average coating thickness on the bare OFC (off form concrete) is the average readings based on the total reading taken on this type of substrate, i.e.: 5 locations x five spot readings average = 625 microns
3. The average coating thickness on the CFC (CFC Panels) is the average readings based on the total reading taken on this type of substrate, i.e.: 2 locations x five spot readings average = 395 microns
4. The average coating thickness on the VPE (Precoated Vitra panels) is the average readings based on the total reading taken on this type of substrate, i.e.: 1 locations x five spot readings average = 446 microns

These readings were over and above the original readings taken during the initial dft inspection request prior to the painting commencing. To this end it would appear that all areas that were tested have achieved the required levels of dry film thickness and we have detailed each areas information on the following pages.