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LAMPIRAN



Lampiran 1 Pengujian *Slump* Beton



Lampiran 2 Bakteri *Bacillus Subtilis* diukur dengan gelas ukur dan di bagi menjadi 3 dosis, yakni 0,01%; 0,10%; dan 1 % terhadap cetakan silinder



Lampiran 3 Bakteri *Bacillus subtilis* dicampurkan ke dalam adukan beton yang sudah diukur sesuai volume satu cetakan silinder, dengan tiga variasi dosis yaitu 0,01%, 0,10%, dan 1%



Lampiran 4 Campuran Beton dan Bakteri *Bacillus Subtilis* dicampurkan secara merata



Lampiran 5 Proses Pembuatan Benda Uji Silinder Beton



Lampiran 6 Total 12 Benda Uji Silinder, dimana 3 silinder Beton Normal, 3 silinder 0,01%, 3 silinder 0,10%, 3 silinder 1 %



Lampiran 7 *Curing* beton Siliner Beton Normal dan Beton *Self Healing* Dosis 0,01%,0,10%dan 1% selama 28 hari



Lampiran 8 Setelah *Curing* beton Siliner Beton Normal dan Beton *Self Healing* Dosis 0,01%,0,10%dan 1% selama 28 hari



Lampiran 9 Pengujian Kuat Tekan Beton Menggunakan Mesin CTM
(*Compression Testing Machine*)



Lampiran 10 Pembacaan Pengujian Nilai Kuat Tekan dengan Mesin CTM
(*Compression Testing Machine*)



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SELF HEALING CONCRETE DENGAN BAKTERI
BACILLUS SUBTILIS TERHADAP VISUAL DAN
KUAT TEKAN

Nama Pembimbing dan Penguji

Tanggal

Tanda Tangan

20 Mei 2025