Lampiran 1. Data Perhitungan Bahan Baku dan Perekat

Ukuran papan : 25 cm x 25 cm x 1 cm
Kerapatan target : 0,7 gr/cm³
Kadar perekat PF : 8 %

Jumlah partikel = 25 x 25 x 1 x 0,7 x \( \frac{100}{108} \)
= 406 gram

Kebutuhan perekat = 25 x 25 x 1 x 0,7 x \( \frac{8}{100} \)
= 35 g

Spilasi perekat (10%) = \( \frac{10}{100} \) x 35 g
= 3,5 g

Solid Content (SC) = 48,1 %  \( \iff \)  SC = \( \frac{BKT}{B.Awal} \) x 100 %

Kebutuhan seluruh perekat = (berat perekat x \( \frac{100}{SC} \)) + spilasi
= (35 g x \( \frac{100}{48,1} \)) + 3,5 g
= 76,3 g
## Lampiran 2. Data Hasil Pengujian Kerapatan dan KA Papan Partikel BKS

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Lampiran 3. Data Hasil Pengujian DSA dan PT Papan Partikel BKS

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