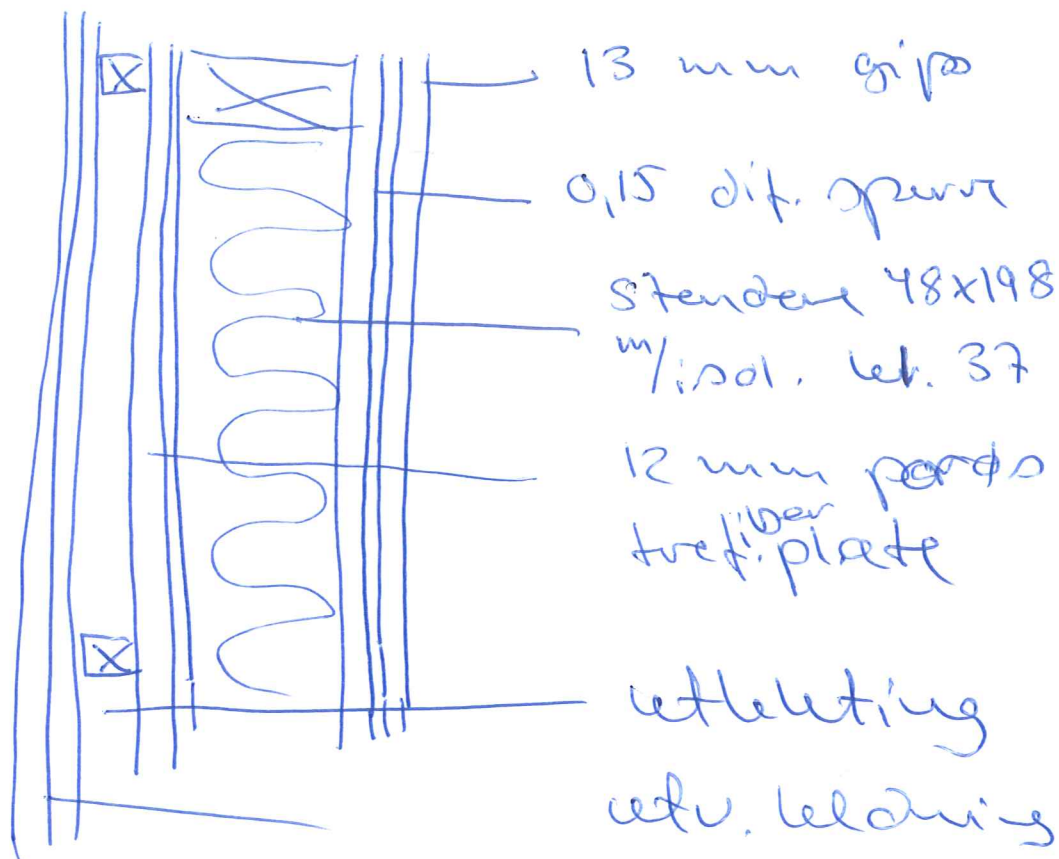
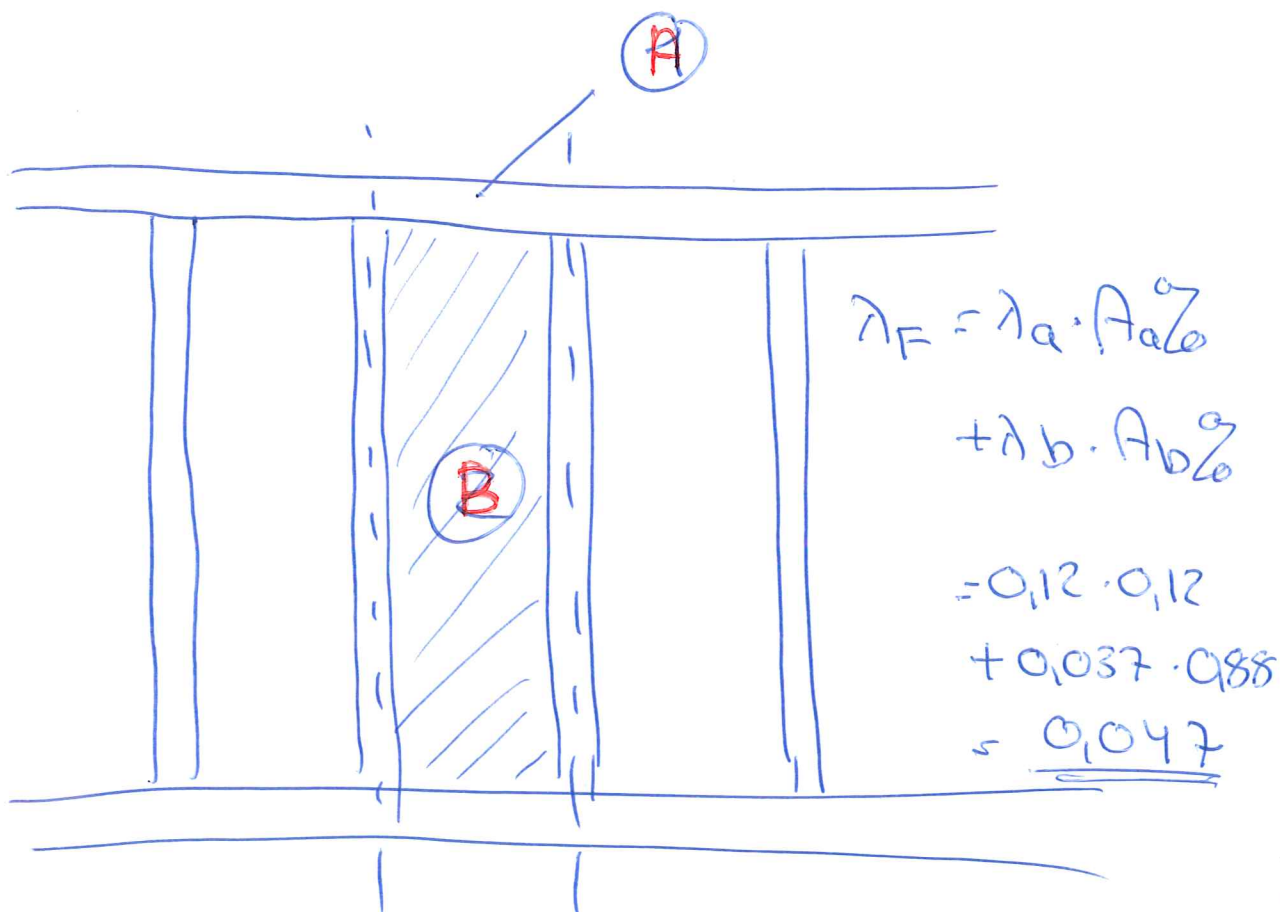


Els. varmebergning af konstr. med sammensatte spilet

Spilet



Felt



Due grasse verdi :

$$R'_T = R_{T\phi} = \frac{\sum A}{\frac{A_{a\phi}}{R_{Ta}} + \frac{A_{b\phi}}{R_{Tb}} + \dots}$$
$$= \frac{1}{\frac{0,12}{2,17} + \frac{0,88}{5,87}} = \underline{4,87}$$

$$\underline{R_T} = \frac{R_{TN} + R_{T\phi}}{2} = \frac{4,73 + 4,87}{2}$$
$$= \underline{4,80}$$

$$\underline{U} = \frac{1}{R_T} + \Delta U = \frac{1}{4,80} + 0,00 = \underline{0,21}$$

Veest gr. verdi
Dure gr. verdi

$$\Delta p_i = \frac{p_i - p_e}{\sum Zp} \cdot Zp_i = \frac{1401 - 41,6}{362,49} \cdot 0,34 = 1,3$$

| SJUKT | d/a | R _{tn} | FELT 1 A | FELT 2 B | FELT 3 C | FELT 4 D | ΔT Isolasjonsfelt | TEMPR SJUKTGR Isolasjonsfelt | METN TRYKK | DAMP MOTSAND 10% | ΔP | DAMPTR I SJUKTGR | RF I Sjiktgrense |
|--------------------------|-----------------|-----------------|------------------------|-----------------|-------------|-------------|----------------------|------------------------------------|---------------|-------------------------|-----|------------------------|------------------------|
| R _{si} | | 0,13 | 0,13 | 0,13 | | | 0,9 | +20,0 | 2335 | | | 1401 | 1000 |
| 13mm gipspl | | 0,06 | 0,06 | 0,06 | | | 0,4 | 19,1 | 2209 | 0,34 | 1,3 | | |
| 0,15 mm plast | | 0,03 | 0,03 | 0,03 | | | 0,2 | 18,7 | 2155 | | | 1399,7 | 65 |
| 45x195 | 0,198 0,1047 | 4,21 | 1,65 (0,198 / 0,12) | (0,198 / 0,037) | | | 36,5 | 18,5 | 2128 | 0,198 150,10 1,32 | | 49,6 | 2,3 |
| 195mm isol. | | | | 5,35 | | | | -18,0 | 125 | | | 44,6 | 35 |
| 12mm arkfelt plate | | 0,17 | 0,17 | 0,17 | | | 1,2 | -19,2 | 112 | 0,83 | 3,0 | | |
| utlekt kleb. Rse | | 0,13 | 0,13 | 0,13 | | | 0,8 | | | | | | |
| | Σ | 4,73 | 2,17 | 5,87 | | | | -20,0 | 104 | | | 411,6 | 4000 |
| | | | | | | | | | Σ | 362,49 | | | |

$$\frac{1399,7}{2155} \cdot 100 = 65\%$$

$$\Delta \theta_1 = \Delta T_1 = \frac{\theta_i - \theta_e}{R_{T_0}} \cdot R_i = \frac{40}{5,87} \cdot 0,13 = 0,9$$