## **Resumo de Materiais**

| **Pavimento** | **Elemento** | **Peso do aço**  **+10 % (kg)** | **Volume de**  **concreto (m³)** | **Área de forma**  **(m²)** | **Consumo de**  **aço (kg/m³)** | **Peso treliças**  **(kg)** |
| --- | --- | --- | --- | --- | --- | --- |
| Platibanda | Vigas | 283.6 | 7.4 | 117.0 | 38.4 |  |
| Pilares | 187.6 | 2.3 | 35.1 | 82.5 |  |
| Lajes | 0.0 | 0.0 | 0.0 | 0.0 |  |
| Blocos | 0.0 | 0.0 | 0.0 | 0.0 |  |
| Total | 471.3 | 9.7 | 152.1 | 48.8 | 0.0 |
| Cobertura | Vigas | 1276.0 | 14.8 | 219.2 | 85.9 |  |
| Pilares | 1374.1 | 11.8 | 184.1 | 116.0 |  |
| Lajes | 3089.8 | 50.9 | 339.1 | 60.7 |  |
| Blocos | 2790.9 | 31.2 | 313.9 | 89.4 |  |
| Total | 8530.8 | 108.8 | 1056.3 | 78.4 | 0.0 |
| Térreo | Vigas | 1009.3 | 16.5 | 251.2 | 61.0 |  |
| Pilares | 476.8 | 3.1 | 48.7 | 152.4 |  |
| Lajes | 0.0 | 0.0 | 0.0 | 0.0 |  |
| Fundações | 660.2 | 28.4 | 113.2 | 23.2 |  |
| Blocos | 0.0 | 0.0 | 0.0 | 0.0 |  |
| Total | 2146.3 | 48.1 | 413.2 | 44.6 | 0.0 |

| **Aço** | **Diâmetro** | **Peso + 10 % (kg)** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Vigas** | **Pilares** | **Lajes** | **Blocos** | **Reservatórios** | **Total** |
| CA50 | 6.3 | 5.8 |  | 0.9 | 149.8 | 715.6 | 872.1 |
| CA50 | 8.0 | 417.3 |  | 1724.1 | 50.4 | 1656.7 | 3848.5 |
| CA50 | 10.0 | 318.9 | 595.7 | 1097.2 | 12.3 | 198.5 | 2222.6 |
| CA50 | 12.5 | 816.4 | 1007.1 | 11.2 | 259.7 | 94.8 | 2189.2 |
| CA50 | 16.0 | 316.2 |  |  |  |  | 316.2 |
| CA50 | 20.0 | 180.5 |  |  |  |  | 180.5 |
| CA60 | 5.0 | 513.7 | 435.8 | 256.3 | 188.1 | 125.2 | 1519.1 |

|  | | **Vigas** | **Pilares** | **Lajes** | **Blocos** | **Reservatórios** | **Total** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Peso total  + 10% (kg) | CA50 | 2055.2 | 1602.8 | 2833.5 | 472.1 | 2665.6 | 9629.2 |
| CA60 | 513.7 | 435.8 | 256.3 | 188.1 | 125.2 | 1519.1 |
| Total | 2568.9 | 2038.6 | 3089.8 | 660.2 | 2790.9 | 11148.3 |
| Volume concreto (m³) | C-30 | 38.8 | 17.2 | 50.9 | 28.4 | 31.2 | 166.5 |
| Área de forma (m²) | | 587.5 | 267.9 | 339.1 | 113.2 | 313.9 | 1621.6 |
| Consumo de aço (kgf/m³) | | 66.2 | 118.2 | 60.7 | 23.2 | 89.4 | 66.9 |

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