## **Resumo de Materiais – Reservatório do Reuso**

**Obs: Não incluso as fundações;**

| **Pavimento** | **Elemento** | **Peso do aço**  **+10 % (kg)** | **Volume de**  **concreto (m³)** | **Área de forma**  **(m²)** | **Consumo de**  **aço (kg/m³)** | **Peso treliças**  **(kg)** |
| --- | --- | --- | --- | --- | --- | --- |
| COBERTURA | Vigas | 0.0 | 0.0 | 0.0 | 0.0 |  |
| Pilares | 0.0 | 0.0 | 0.0 | 0.0 |  |
| Escadas | 0.0 | 0.0 | 0.0 | 0.0 |  |
| Total | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| TERREO | Vigas | 590.9 | 5.1 | 50.0 | 116.3 |  |
| Pilares | 862.8 | 4.3 | 63.5 | 202.1 |  |
| Lajes | 118.1 | 2.6 | 21.6 | 45.5 |  |
| Escadas | 0.0 | 0.0 | 0.0 | 0.0 |  |
| Reservatórios | 6124.8 | 49.3 | 527.1 | 124.2 |  |
| Total | 7696.6 | 61.3 | 662.2 | 125.6 | 0.0 |
| Fundo RS | Vigas | 216.1 | 4.0 | 54.3 | 53.4 |  |
| Pilares | 324.3 | 1.2 | 17.3 | 279.6 |  |
| Escadas | 0.0 | 0.0 | 0.0 | 0.0 |  |
| Blocos | 383.8 | 23.4 | 60.5 | 16.4 |  |
| Total | 924.2 | 28.6 | 132.0 | 32.3 | 0.0 |

| **Aço** | **Diâmetro** | **Peso + 10 % (kg)** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Vigas** | **Pilares** | **Lajes** | **Escadas** | **Blocos** | **Reservatórios** | **Total** |
| CA50 | 6.3 | 3.2 | 19.8 | 3.9 |  | 18.3 |  | 45.3 |
| CA50 | 8.0 | 33.5 | 82.6 | 114.1 |  | 20.7 | 1574.6 | 1825.6 |
| CA50 | 10.0 | 87.7 | 261.4 |  |  | 79.0 | 4000.2 | 4428.4 |
| CA50 | 12.5 | 67.7 | 180.3 |  |  | 105.8 | 322.7 | 676.4 |
| CA50 | 16.0 | 480.7 | 563.4 |  |  |  | 138.2 | 1182.3 |
| CA60 | 5.0 | 134.2 | 79.6 |  |  | 160.0 | 89.1 | 462.9 |

|  | | **Vigas** | **Pilares** | **Lajes** | **Escadas** | **Blocos** | **Reservatórios** | **Total** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Peso total  + 10% (kg) | CA50 | 672.8 | 1107.5 | 118.1 |  | 223.8 | 6035.7 | 8157.9 |
| CA60 | 134.2 | 79.6 |  |  | 160.0 | 89.1 | 462.9 |
| Total | 807.0 | 1187.0 | 118.1 |  | 383.8 | 6124.8 | 8620.8 |
| Volume concreto (m³) | C-30 | 9.1 | 5.4 | 2.6 |  | 23.4 | 49.3 | 89.9 |
| Área de forma (m²) | | 104.3 | 80.8 | 21.6 |  | 60.5 | 527.1 | 794.2 |
| Consumo de aço (kgf/m³) | | 88.4 | 218.6 | 45.5 |  | 16.4 | 124.2 | 95.9 |