**Resumo de plantas e materiais - Edifício RAMPA ESCADA MAIOR**

**Resumo de materiais**

Piso 3: NIVEL PATAMAR INICIO

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bitola | 4.2 | 5.0 | 6.3 | 8.0 | 10.0 | | 12.5 | | 16.0 | | Aço | Concreto | | | Forma | fck |
| - | kg | kg | kg | kg | kg | | kg | | kg | | kg | m3 | | | m2 | MPa |
| Pilares | - | 4 | 6 | - | 4 | | 12 | | 5 | | 31 | 1.0 | | | 20 | 25 |
| Vigas | 42 | 32 | 3 | 19 | 257 | | - | | - | | 353 | 5.6 | | | 80 | 25 |
| Lajes | - | 40 | 288 | 176 | 331 | | 234 | | - | | 1069 | 8.8 | | | 88 | 25 |
| Fundações | - | - | - | - | - | | - | | - | | - | - | | | - | 25 |
| Outros | - | - | - | - | - | | - | | - | | - | - | | | - | - |
| Totais | 42 | 76 | 297 | 195 | 592 | | 246 | | 5 | | 1453 | 15.4 | | | 188 | - |
|  |  |  |  |  | |  | |  | |  | | |  |  | | | |
|  |  |  |  |  | |  | |  | |  | | |  |  | | | |

Piso 2: NIVEL PATAMAR 01

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bitola | 4.2 | 5.0 | 6.3 | 8.0 | 10.0 | 12.5 | 16.0 | Aço | Concreto | Forma | fck |
| - | kg | kg | kg | kg | kg | kg | kg | kg | m3 | m2 | MPa |
| Pilares | - | 15 | - | - | 31 | - | - | 46 | 6.0 | 118 | 25 |
| Vigas | 95 | 65 | 6 | 57 | 528 | 8 | - | 759 | 12.0 | 170 | 25 |
| Lajes | - | 95 | 674 | 659 | 947 | 517 | - | 2892 | 25.7 | 257 | 25 |
| Fundações | - | - | - | - | - | - | - | - | - | - | 25 |
| Outros | - | - | - | - | - | - | - | - | - | - | - |
| Totais | 95 | 175 | 680 | 716 | 1506 | 525 | - | 3697 | 43.7 | 545 | - |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

Piso 1: NIVEL PATAMAR 02

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bitola | 4.2 | 5.0 | 6.3 | 8.0 | 10.0 | 12.5 | 16.0 | Aço | Concreto | Forma | fck |
| - | kg | kg | kg | kg | kg | kg | kg | kg | m3 | m2 | MPa |
| Pilares | - | 270 | 17 | - | 694 | 66 | 6 | 1053 | 3.7 | 72 | 25 |
| Vigas | 41 | 28 | - | 22 | 207 | 15 | - | 313 | 5.1 | 71 | 25 |
| Lajes | - | 42 | 505 | 248 | 45 | 145 | - | 985 | 10.9 | 109 | 25 |
| Fundações | - | - | - | - | - | - | - | - | - | - | 25 |
| Outros | - | - | - | - | - | - | - | - | - | - | - |
| Totais | 41 | 340 | 522 | 270 | 946 | 226 | 6 | 2351 | 19.7 | 252 | - |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

Piso 0: Fundacao

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bitola | 4.2 | 5.0 | 6.3 | 8.0 | 10.0 | 12.5 | Aço | Concreto | Forma | fck |
| - | kg | kg | kg | kg | kg | kg | kg | m3 | m2 | MPa |
| Pilares | - | - | - | - | - | - | - | - | - | 25 |
| Vigas | - | - | - | - | - | - | - | - | - | 25 |
| Lajes | - | - | - | - | - | - | - | - | - | 25 |
| Fundações | - | - | - | 13 | 1049 | 245 | 1307 | 29.3 | 85 | 25 |
| Outros | - | - | - | - | - | - | - | - | - | - |
| Totais | - | - | - | 13 | 1049 | 245 | 1307 | 29.3 | 85 | - |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

Resumo de Materiais

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bitola | 4.2 | 5.0 | 6.3 | 8.0 | 10.0 | 12.5 | 16.0 | Aço | Concreto | Forma | Área |
| - | kg | kg | kg | kg | kg | kg | kg | kg | m3 | m2 | m2 |
| Piso 3: NIVEL PATAMAR INICIO | 42 | 76 | 297 | 195 | 592 | 246 | 5 | 1453 | 15 | 188 | 103 |
| Piso 2: NIVEL PATAMAR 01 | 95 | 175 | 680 | 716 | 1506 | 525 | - | 3697 | 44 | 545 | 290 |
| Piso 1: NIVEL PATAMAR 02 | 41 | 340 | 522 | 270 | 946 | 226 | 6 | 2351 | 20 | 252 | 126 |
| Piso 0: Fundacao | - | - | - | 13 | 1049 | 245 | - | 1307 | 29 | 85 | 0 |
| Cortinas | - | - | - | - | - | - | - | - | - | - | - |
| Totais | 178 | 591 | 1499 | 1194 | 4093 | 1242 | 11 | 8808 | 108 | 1070 | 518 |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

**Índices**

|  |  |
| --- | --- |
| Índices | |
| Espessura média (m) | 0.21 |
| Taxa de formas (m2/m2) | 2.06 |
| Taxa de aço (kg/m2) | 16.99 |
| Taxa de aço (kg/m3) | 81.48 |
|  |  |
|  |  |