

| Propiedades Globales diseño Suelo Flotante |                           |   |                        |         |              |                         |                          |                     |           |
|--------------------------------------------|---------------------------|---|------------------------|---------|--------------|-------------------------|--------------------------|---------------------|-----------|
| Material                                   |                           |   | Densidad               | Espesor | Masa Superf. | (ID)                    | Masa & Dimensiones Suelo |                     |           |
| Capa 1                                     | MDF                       | ▼ | 750 kgm <sup>-3</sup>  | 19      | mm           | 14,25 kgm <sup>-2</sup> | 4                        | Masa Losa           | 35,00 kg  |
| Capa 2                                     | Lamina alta densidad (LA) | ▼ | 2600 kgm <sup>-3</sup> | 2,5     | mm           | 6,50 kgm <sup>-2</sup>  | 2                        | Masa Adicional      | 100 kg    |
| Capa 3                                     | MDF                       | ▼ | 750 kgm <sup>-3</sup>  | 19      | mm           | 14,25 kgm <sup>-2</sup> | 4                        | Total Masa Suelo    | 135,00 kg |
| Capa 4                                     | None                      | ▼ | 0 kgm <sup>-3</sup>    | 0       | mm           | 0,00 kgm <sup>-2</sup>  | 22                       | Total Espesor Suelo | 41 mm     |
| Capa 5                                     | None                      | ▼ | 0 kgm <sup>-3</sup>    | 0       | mm           | 0,00 kgm <sup>-2</sup>  | 22                       |                     |           |
| Capa 6                                     | None                      | ▼ | 0 kgm <sup>-3</sup>    | 0       | mm           | 0,00 kgm <sup>-2</sup>  | 22                       |                     |           |
| Total Masa Superficial                     |                           |   |                        |         |              | 35,00 kgm <sup>-2</sup> |                          |                     |           |

| Elastomeros           |               |                  |
|-----------------------|---------------|------------------|
| Tipo                  | Texsilen Plus |                  |
| Espesor - t           | 10            | mm               |
| Módulo Young - E      | 7,000E+05     | Nm <sup>-2</sup> |
| Factor Pérdida - η    | 0,1           |                  |
| Amortiguamiento - ξ   | 0,05          |                  |
| Rigidez Dinámica - s' | 7,000E+07     | Nm <sup>-3</sup> |

Frecuencia Natural

114,6 Hz

Deflexión estática

0,02 mm