**Verifica collegamento Telaio metallico – Muratura portante sp. 40cm**

**VERIFICA PROFILO METALLICO:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Ved** | **44,08** | **kN** |  |
| L | 0,6 | m |  |
| **Med** | **26,448** | **kNm** |  |
|  |  |  |  |
| **Q150x150x5** | | Classe | 1 |
| Av | 15 | cm2 |  |
|  | 1500 | mm2 |  |
| fyk | 275 | Mpa |  |
| γM0 | 1,05 |  |  |
| **Vc,Rd** | **226,8162** | **kN > Ved** |  |
|  |  |  |  |
| Wpl | 157,75 | cm3 |  |
|  | 157750 | mm3 |  |
| fyk | 275 | Mpa |  |
| γM0 | 1,05 |  |  |
| **Mpl,Rd** | **41,32** | **kNm > Med** |  |

**Verifica soddisfatta**

**VERIFICA A DEL PANNELLO MURARIO PER CARICHI CONCENTRATI:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Ned** | **4408** | **daN** |  |
| A | 500 | cm2 |  |
| σed | 8,82 | daN/cmq |  |
|  |  |  |  |
| **Muratura in mattoni pieni e malta di calce** | | | |
| fm | 24 | daN/cmq |  |
| γM | 2 |  |  |
| FC | 1,35 |  |  |
| **fd** | **8,89** | **daN/cmq** | **> σed** |

**Verifica soddisfatta**