

MORTERO TECWOOL®

Los datos de esta tabla son los que figuran en el informe de caracterización del expediente 08/32302469.

Tabla válida para 500 °C de temperatura de diseño en el acero según UNE ENV 13381-4

| TECWOOL® F | | | | | | | | | |
|--|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| TABLAS PARA LA DETERMINACIÓN DEL ESPESOR DEL MORTERO EN FUNCIÓN DE LA RESISTENCIA AL FUEGO REQUERIDA Y DEL FACTOR DE SECCIÓN DEL PERFIL | | | | | | | | | |
| Masividad (m ⁻¹) | R 15 min | R 30 min | R 45 min | R 60 min | R 90 min | R 120 min | R 180 min | R 240 min | R 300 min |
| 63 | [15] | [15] | [15] | [15] | [17] | [23] | [35] | [47] | [59] |
| 70 | [15] | [15] | [15] | [15] | 18 | 24 | 36 | 49 | 61 |
| 80 | [15] | [15] | [15] | [15] | 20 | 26 | 38 | 51 | [64] |
| 90 | [15] | [15] | [15] | [15] | 21 | 27 | 40 | 53 | — |
| 100 | [15] | [15] | [15] | [15] | 22 | 28 | 42 | 55 | — |
| 110 | [15] | [15] | [15] | 16 | 23 | 29 | 43 | 56 | — |
| 120 | [15] | [15] | [15] | 17 | 24 | 30 | 44 | 57 | — |
| 130 | [15] | [15] | [15] | 17 | 24 | 31 | 45 | 58 | — |
| 140 | [15] | [15] | [15] | 18 | 25 | 32 | 45 | 59 | — |
| 150 | [15] | [15] | [15] | 18 | 25 | 32 | 46 | 60 | — |
| 160 | [15] | [15] | [15] | 19 | 26 | 33 | 47 | 61 | — |
| 170 | [15] | [15] | [15] | 19 | 26 | 33 | 47 | 62 | — |
| 180 | [15] | [15] | 16 | 19 | 26 | 34 | 48 | 62 | — |
| 190 | [15] | [15] | 16 | 20 | 27 | 34 | 48 | [63] | — |
| 200 | [15] | [15] | 16 | 20 | 27 | 34 | 49 | [63] | — |
| 210 | [15] | [15] | 17 | 20 | 27 | 35 | 49 | [64] | — |
| 220 | [15] | [15] | 17 | 20 | 28 | 35 | 49 | [64] | — |
| 230 | [15] | [15] | 17 | 21 | 28 | 35 | 50 | [64] | — |
| 240 | [15] | [15] | 17 | 21 | 28 | 35 | 50 | [65] | — |
| 250 | [15] | [15] | 17 | 21 | 28 | 36 | 50 | [65] | — |
| 260 | [15] | [15] | 17 | 21 | 28 | 36 | 51 | [65] | — |
| 270 | [15] | [15] | 18 | 21 | 29 | 36 | 51 | — | — |
| 280 | [15] | [15] | 18 | 21 | 29 | 36 | 51 | — | — |
| 290 | [15] | [15] | 18 | 22 | 29 | 36 | 51 | — | — |
| 300 | [15] | [15] | 18 | 22 | 29 | 37 | 51 | — | — |
| 310 | [15] | [15] | 18 | 22 | 29 | 37 | 52 | — | — |
| 320 | [15] | [15] | [18] | [22] | [29] | [37] | [52] | — | — |
| 330 | [15] | [15] | [18] | [22] | [29] | [37] | [52] | — | — |
| 340 | [15] | [15] | [18] | [22] | [30] | [37] | [52] | — | — |