



# SC804 Loading Tables

SC804  
Material Specification  
Specific Gravity: 1.38 ± 0.02  
Volume Solids: 69% ± 3%

**Nullifire**  
Smart Protection

## 4-sided Columns - Critical Temperature: 550°C

| Section Factor up to m <sup>1</sup> | 30 minutes | 60 minutes | 90 minutes | 120 minutes | Section Factor up to m <sup>1</sup> | 30 minutes | 60 minutes | 90 minutes | 120 minutes |
|-------------------------------------|------------|------------|------------|-------------|-------------------------------------|------------|------------|------------|-------------|
|                                     | DFT (mm)   | DFT (mm)   | DFT (mm)   | DFT (mm)    |                                     | DFT (mm)   | DFT (mm)   | DFT (mm)   | DFT (mm)    |
| 50                                  | 0.198      | 0.198      | 0.585      | 1.233       | 250                                 | 0.198      | 0.709      | 1.962      |             |
| 55                                  | 0.198      | 0.201      | 0.610      | 1.355       | 255                                 | 0.198      | 0.722      | 2.004      |             |
| 60                                  | 0.198      | 0.214      | 0.635      | 1.477       | 260                                 | 0.198      | 0.735      | 2.043      |             |
| 65                                  | 0.198      | 0.227      | 0.660      | 1.537       | 265                                 | 0.198      | 0.748      | 2.081      |             |
| 70                                  | 0.198      | 0.240      | 0.685      | 1.582       | 270                                 | 0.198      | 0.761      | 2.120      |             |
| 75                                  | 0.198      | 0.253      | 0.710      | 1.627       | 275                                 | 0.198      | 0.774      | 2.159      |             |
| 80                                  | 0.198      | 0.266      | 0.736      | 1.672       | 280                                 | 0.198      | 0.788      | 2.198      |             |
| 85                                  | 0.198      | 0.279      | 0.761      | 1.717       | 285                                 | 0.198      | 0.801      | 2.237      |             |
| 90                                  | 0.198      | 0.292      | 0.786      | 1.762       | 290                                 | 0.198      | 0.821      | 2.275      |             |
| 95                                  | 0.198      | 0.305      | 0.811      | 1.807       | 295                                 | 0.203      | 0.870      | 2.314      |             |
| 100                                 | 0.198      | 0.318      | 0.846      | 1.852       | 300                                 | 0.211      | 0.919      | 2.353      |             |
| 105                                 | 0.198      | 0.331      | 0.880      | 1.897       | 305                                 | 0.220      | 0.969      | 2.392      |             |
| 110                                 | 0.198      | 0.344      | 0.915      | 1.942       | 310                                 | 0.229      | 1.018      | 2.431      |             |
| 115                                 | 0.198      | 0.357      | 0.949      | 1.987       | 315                                 | 0.238      | 1.067      | 2.469      |             |
| 120                                 | 0.198      | 0.370      | 0.984      | 2.023       | 320                                 | 0.247      | 1.117      | 2.508      |             |
| 125                                 | 0.198      | 0.383      | 1.018      | 2.056       | 325                                 | 0.256      | 1.166      | 2.547      |             |
| 130                                 | 0.198      | 0.396      | 1.053      | 2.090       | 330                                 | 0.265      | 1.215      | 2.586      |             |
| 135                                 | 0.198      | 0.409      | 1.087      | 2.123       | 335                                 | 0.274      | 1.264      | 2.625      |             |
| 140                                 | 0.198      | 0.423      | 1.122      | 2.157       | 340                                 | 0.283      | 1.314      | 2.664      |             |
| 145                                 | 0.198      | 0.436      | 1.156      | 2.190       | 345                                 | 0.292      | 1.363      | 2.702      |             |
| 150                                 | 0.198      | 0.449      | 1.191      | 2.224       | 350                                 | 0.301      | 1.412      | 2.741      |             |
| 155                                 | 0.198      | 0.462      | 1.225      | 2.257       | 355                                 | 0.31       | 1.462      | 2.780      |             |
| 160                                 | 0.198      | 0.475      | 1.260      | 2.291       | 360                                 | 0.319      | 1.508      |            |             |
| 165                                 | 0.198      | 0.488      | 1.294      | 2.324       | 365                                 | 0.327      | 1.544      |            |             |
| 170                                 | 0.198      | 0.501      | 1.329      | 2.358       | 370                                 | 0.336      | 1.580      |            |             |
| 175                                 | 0.198      | 0.514      | 1.363      | 2.391       | 375                                 | 0.345      | 1.616      |            |             |
| 180                                 | 0.198      | 0.527      | 1.398      | 2.425       |                                     |            |            |            |             |
| 185                                 | 0.198      | 0.540      | 1.432      | 2.458       |                                     |            |            |            |             |
| 190                                 | 0.198      | 0.553      | 1.467      | 2.492       |                                     |            |            |            |             |
| 195                                 | 0.198      | 0.566      | 1.501      | 2.525       |                                     |            |            |            |             |
| 200                                 | 0.198      | 0.579      | 1.543      | 2.559       |                                     |            |            |            |             |
| 205                                 | 0.198      | 0.592      | 1.585      | 2.592       |                                     |            |            |            |             |
| 210                                 | 0.198      | 0.605      | 1.627      | 2.626       |                                     |            |            |            |             |
| 215                                 | 0.198      | 0.618      | 1.669      | 2.659       |                                     |            |            |            |             |
| 220                                 | 0.198      | 0.631      | 1.711      | 2.693       |                                     |            |            |            |             |
| 225                                 | 0.198      | 0.644      | 1.753      | 2.726       |                                     |            |            |            |             |
| 230                                 | 0.198      | 0.657      | 1.795      | 2.760       |                                     |            |            |            |             |
| 235                                 | 0.198      | 0.670      | 1.837      | 2.793       |                                     |            |            |            |             |
| 240                                 | 0.198      | 0.683      | 1.879      |             |                                     |            |            |            |             |
| 245                                 | 0.198      | 0.696      | 1.920      |             |                                     |            |            |            |             |

For the protection of RHS and CHS hollow section, Nullifire recommend the use of Nullifire SC801.

PLEASE NOTE: The critical temperatures in this loading table are as defined for offices in accordance with BS5950-8:2003 as per Table 18 of the ASFP 5th Edition Yellow Book. The Yellow book also gives new critical temperatures to comply with several different building uses either to the Eurocodes for steel design or BS5950-8:2003. Alternative loadings tables to other critical temperatures are available from the Nullifire Technical Desk on request.





# SC804 Loading Tables

SC804  
Material Specification  
Specific Gravity: 1.38 ± 0.02  
Volume Solids: 69% ± 3%

**Nullifire**  
Smart Protection

## 3-sided Beams - Critical Temperature: 620°C

| Section Factor up to m <sup>1</sup> | 30 minutes | 60 minutes | 90 minutes | 120 minutes | Section Factor up to m <sup>1</sup> | 30 minutes | 60 minutes | 90 minutes | 120 minutes |
|-------------------------------------|------------|------------|------------|-------------|-------------------------------------|------------|------------|------------|-------------|
|                                     | DFT (mm)   | DFT (mm)   | DFT (mm)   | DFT (mm)    |                                     | DFT (mm)   | DFT (mm)   | DFT (mm)   | DFT (mm)    |
| 50                                  | 0.226      | 0.226      | 0.384      | 0.790       | 250                                 | 0.226      | 0.587      | 1.329      |             |
| 55                                  | 0.226      | 0.226      | 0.408      | 0.820       | 255                                 | 0.226      | 0.598      | 1.353      |             |
| 60                                  | 0.226      | 0.226      | 0.432      | 0.850       | 260                                 | 0.226      | 0.610      | 1.376      |             |
| 65                                  | 0.226      | 0.226      | 0.456      | 0.881       | 265                                 | 0.226      | 0.621      | 1.400      |             |
| 70                                  | 0.226      | 0.226      | 0.480      | 0.911       | 270                                 | 0.226      | 0.632      | 1.423      |             |
| 75                                  | 0.226      | 0.226      | 0.504      | 0.942       | 275                                 | 0.226      | 0.644      | 1.447      |             |
| 80                                  | 0.226      | 0.226      | 0.527      | 0.972       | 280                                 | 0.226      | 0.655      | 1.470      |             |
| 85                                  | 0.226      | 0.226      | 0.551      | 1.002       | 285                                 | 0.226      | 0.666      | 1.494      |             |
| 90                                  | 0.226      | 0.226      | 0.575      | 1.033       | 290                                 | 0.226      | 0.678      | 1.517      |             |
| 95                                  | 0.226      | 0.235      | 0.599      | 1.063       | 295                                 | 0.226      | 0.689      | 1.541      |             |
| 100                                 | 0.226      | 0.246      | 0.623      | 1.094       | 300                                 | 0.226      | 0.700      | 1.564      |             |
| 105                                 | 0.226      | 0.258      | 0.647      | 1.124       | 305                                 | 0.226      | 0.712      | 1.588      |             |
| 110                                 | 0.226      | 0.269      | 0.671      | 1.154       | 310                                 | 0.226      | 0.723      | 1.612      |             |
| 115                                 | 0.226      | 0.280      | 0.695      | 1.185       | 315                                 | 0.226      | 0.735      | 1.636      |             |
| 120                                 | 0.226      | 0.292      | 0.718      | 1.215       | 320                                 | 0.226      | 0.746      | 1.660      |             |
| 125                                 | 0.226      | 0.303      | 0.742      | 1.245       | 325                                 | 0.226      | 0.757      | 1.684      |             |
| 130                                 | 0.226      | 0.314      | 0.766      | 1.276       | 330                                 | 0.226      | 0.769      | 1.707      |             |
| 135                                 | 0.226      | 0.326      | 0.790      | 1.306       | 335                                 | 0.226      | 0.780      | 1.731      |             |
| 140                                 | 0.226      | 0.337      | 0.814      | 1.337       |                                     |            |            |            |             |
| 145                                 | 0.226      | 0.348      | 0.837      | 1.367       |                                     |            |            |            |             |
| 150                                 | 0.226      | 0.360      | 0.861      | 1.397       |                                     |            |            |            |             |
| 155                                 | 0.226      | 0.371      | 0.884      | 1.428       |                                     |            |            |            |             |
| 160                                 | 0.226      | 0.382      | 0.908      | 1.458       |                                     |            |            |            |             |
| 165                                 | 0.226      | 0.394      | 0.931      | 1.488       |                                     |            |            |            |             |
| 170                                 | 0.226      | 0.405      | 0.955      | 1.519       |                                     |            |            |            |             |
| 175                                 | 0.226      | 0.417      | 0.978      | 1.570       |                                     |            |            |            |             |
| 180                                 | 0.226      | 0.428      | 1.001      | 1.635       |                                     |            |            |            |             |
| 185                                 | 0.226      | 0.439      | 1.025      | 1.699       |                                     |            |            |            |             |
| 190                                 | 0.226      | 0.451      | 1.048      | 1.764       |                                     |            |            |            |             |
| 195                                 | 0.226      | 0.462      | 1.072      | 1.829       |                                     |            |            |            |             |
| 200                                 | 0.226      | 0.473      | 1.095      | 1.893       |                                     |            |            |            |             |
| 205                                 | 0.226      | 0.485      | 1.119      | 1.958       |                                     |            |            |            |             |
| 210                                 | 0.226      | 0.496      | 1.142      | 2.023       |                                     |            |            |            |             |
| 215                                 | 0.226      | 0.507      | 1.165      | 2.088       |                                     |            |            |            |             |
| 220                                 | 0.226      | 0.519      | 1.189      | 2.152       |                                     |            |            |            |             |
| 225                                 | 0.226      | 0.530      | 1.212      | 2.217       |                                     |            |            |            |             |
| 230                                 | 0.226      | 0.541      | 1.236      |             |                                     |            |            |            |             |
| 235                                 | 0.226      | 0.553      | 1.259      |             |                                     |            |            |            |             |
| 240                                 | 0.226      | 0.564      | 1.283      |             |                                     |            |            |            |             |
| 245                                 | 0.226      | 0.576      | 1.306      |             |                                     |            |            |            |             |

For the protection of RHS and CHS hollow section, Nullifire recommend the use of Nullifire SC801.

PLEASE NOTE: The critical temperatures in this loading table are as defined for offices in accordance with BS5950-8:2003 as per Table 18 of the ASFP 5th Edition Yellow Book. The Yellow book also gives new critical temperatures to comply with several different building uses either to the Eurocodes for steel design or BS5950-8:2003. Alternative loadings tables to other critical temperatures are available from the Nullifire Technical Desk on request.





# SC804 Loading Tables

SC804  
Material Specification  
Specific Gravity: 1.38 ± 0.02  
Volume Solids: 69% ± 3%

**Nullifire**  
Smart Protection

## 4-sided Beams - Critical Temperature: 550°C

| Section Factor up to m <sup>1</sup> | 30 minutes | 60 minutes | 90 minutes | 120 minutes | Section Factor up to m <sup>1</sup> | 30 minutes | 60 minutes | 90 minutes | 120 minutes |
|-------------------------------------|------------|------------|------------|-------------|-------------------------------------|------------|------------|------------|-------------|
|                                     | DFT (mm)   | DFT (mm)   | DFT (mm)   | DFT (mm)    |                                     | DFT (mm)   | DFT (mm)   | DFT (mm)   | DFT (mm)    |
| 50                                  | 0.198      | 0.198      | 0.585      | 1.233       | 250                                 | 0.198      | 0.709      | 1.962      |             |
| 55                                  | 0.198      | 0.201      | 0.610      | 1.355       | 255                                 | 0.198      | 0.722      | 2.004      |             |
| 60                                  | 0.198      | 0.214      | 0.635      | 1.477       | 260                                 | 0.198      | 0.735      | 2.043      |             |
| 65                                  | 0.198      | 0.227      | 0.660      | 1.537       | 265                                 | 0.198      | 0.748      | 2.081      |             |
| 70                                  | 0.198      | 0.240      | 0.685      | 1.582       | 270                                 | 0.198      | 0.761      | 2.120      |             |
| 75                                  | 0.198      | 0.253      | 0.710      | 1.627       | 275                                 | 0.198      | 0.774      | 2.159      |             |
| 80                                  | 0.198      | 0.266      | 0.736      | 1.672       | 280                                 | 0.198      | 0.788      | 2.198      |             |
| 85                                  | 0.198      | 0.279      | 0.761      | 1.717       | 285                                 | 0.198      | 0.801      |            |             |
| 90                                  | 0.198      | 0.292      | 0.786      | 1.762       | 290                                 | 0.198      | 0.821      |            |             |
| 95                                  | 0.198      | 0.305      | 0.811      | 1.807       | 295                                 | 0.203      | 0.870      |            |             |
| 100                                 | 0.198      | 0.318      | 0.846      | 1.852       | 300                                 | 0.211      | 0.919      |            |             |
| 105                                 | 0.198      | 0.331      | 0.880      | 1.897       | 305                                 | 0.220      | 0.969      |            |             |
| 110                                 | 0.198      | 0.344      | 0.915      | 1.942       | 310                                 | 0.229      | 1.018      |            |             |
| 115                                 | 0.198      | 0.357      | 0.949      | 1.987       | 315                                 | 0.238      | 1.067      |            |             |
| 120                                 | 0.198      | 0.370      | 0.984      | 2.023       | 320                                 | 0.247      | 1.117      |            |             |
| 125                                 | 0.198      | 0.383      | 1.018      | 2.056       | 325                                 | 0.256      | 1.166      |            |             |
| 130                                 | 0.198      | 0.396      | 1.053      | 2.090       | 330                                 | 0.265      | 1.215      |            |             |
| 135                                 | 0.198      | 0.409      | 1.087      | 2.123       | 335                                 | 0.274      | 1.264      |            |             |
| 140                                 | 0.198      | 0.423      | 1.122      | 2.157       | 340                                 | 0.283      | 1.314      |            |             |
| 145                                 | 0.198      | 0.436      | 1.156      | 2.190       | 345                                 | 0.292      | 1.363      |            |             |
| 150                                 | 0.198      | 0.449      | 1.191      | 2.224       | 350                                 | 0.301      | 1.412      |            |             |
| 155                                 | 0.198      | 0.462      | 1.225      |             | 355                                 | 0.31       | 1.462      |            |             |
| 160                                 | 0.198      | 0.475      | 1.260      |             | 360                                 | 0.319      | 1.508      |            |             |
| 165                                 | 0.198      | 0.488      | 1.294      |             | 365                                 | 0.327      | 1.544      |            |             |
| 170                                 | 0.198      | 0.501      | 1.329      |             | 370                                 | 0.336      | 1.580      |            |             |
| 175                                 | 0.198      | 0.514      | 1.363      |             | 375                                 | 0.345      | 1.616      |            |             |
| 180                                 | 0.198      | 0.527      | 1.398      |             |                                     |            |            |            |             |
| 185                                 | 0.198      | 0.540      | 1.432      |             |                                     |            |            |            |             |
| 190                                 | 0.198      | 0.553      | 1.467      |             |                                     |            |            |            |             |
| 195                                 | 0.198      | 0.566      | 1.501      |             |                                     |            |            |            |             |
| 200                                 | 0.198      | 0.579      | 1.543      |             |                                     |            |            |            |             |
| 205                                 | 0.198      | 0.592      | 1.585      |             |                                     |            |            |            |             |
| 210                                 | 0.198      | 0.605      | 1.627      |             |                                     |            |            |            |             |
| 215                                 | 0.198      | 0.618      | 1.669      |             |                                     |            |            |            |             |
| 220                                 | 0.198      | 0.631      | 1.711      |             |                                     |            |            |            |             |
| 225                                 | 0.198      | 0.644      | 1.753      |             |                                     |            |            |            |             |
| 230                                 | 0.198      | 0.657      | 1.795      |             |                                     |            |            |            |             |
| 235                                 | 0.198      | 0.670      | 1.837      |             |                                     |            |            |            |             |
| 240                                 | 0.198      | 0.683      | 1.879      |             |                                     |            |            |            |             |
| 245                                 | 0.198      | 0.696      | 1.920      |             |                                     |            |            |            |             |

For the protection of RHS and CHS hollow section, Nullifire recommend the use of Nullifire SC801.

PLEASE NOTE: The critical temperatures in this loading table are as defined for offices in accordance with BS5950-8:2003 as per Table 18 of the ASFP 5th Edition Yellow Book. The Yellow book also gives new critical temperatures to comply with several different building uses either to the Eurocodes for steel design or BS5950-8:2003. Alternative loadings tables to other critical temperatures are available from the Nullifire Technical Desk on request.





# SC804 Loading Tables

SC804  
Material Specification  
Specific Gravity: 1.38 ± 0.02  
Volume Solids: 69% ± 3%

**Nullifire**  
Smart Protection

## 4-sided Hollow Columns - Critical Temperature: 520°C

| Section Factor<br>up to m <sup>1</sup> | 30 minutes | 60 minutes | 90 minutes | Section Factor<br>up to m <sup>1</sup> | 30 minutes | 60 minutes | 90 minutes |
|--|------------|------------|------------|--|------------|------------|------------|
|  | DFT (mm)   | DFT (mm)   | DFT (mm)   |  | DFT (mm)   | DFT (mm)   | DFT (mm)   |
| 40                                     | 0.158      | 0.578      | 1.195      | 225                                    | 1.027      | 3.046      | -          |
| 45                                     | 0.158      | 0.643      | 1.423      | 230                                    | 1.073      | 3.085      | -          |
| 50                                     | 0.158      | 0.707      | 1.743      | 235                                    | 1.120      | 3.125      | -          |
| 55                                     | 0.158      | 0.772      | 2.083      | 240                                    | 1.166      | 3.164      | -          |
| 60                                     | 0.158      | 0.837      | 2.424      | 245                                    | 1.212      | 3.203      | -          |
| 65                                     | 0.158      | 0.901      | 2.765      | 250                                    | 1.258      | 3.242      | -          |
| 70                                     | 0.158      | 0.966      | 2.823      | 255                                    | 1.304      | 3.281      | -          |
| 75                                     | 0.158      | 1.031      | 2.880      | 260                                    | 1.350      | 3.320      | -          |
| 80                                     | 0.158      | 1.095      | 2.938      | 265                                    | 1.396      | 3.359      | -          |
| 85                                     | 0.158      | 1.160      | 2.996      | 270                                    | 1.442      | 3.398      | -          |
| 90                                     | 0.158      | 1.224      | 3.054      | 275                                    | 1.476      | 3.437      | -          |
| 95                                     | 0.158      | 1.289      | 3.111      | 280                                    | 1.491      | 3.476      | -          |
| 100                                    | 0.158      | 1.354      | 3.169      | 285                                    | 1.507      | 3.515      | -          |
| 105                                    | 0.158      | 1.418      | 3.227      | 290                                    | 1.522      | 3.554      | -          |
| 110                                    | 0.158      | 1.486      | 3.284      | 295                                    | 1.537      | 3.594      | -          |
| 115                                    | 0.158      | 1.567      | 3.342      | 300                                    | 1.552      | 3.633      | -          |
| 120                                    | 0.158      | 1.648      | 3.400      | 305                                    | 1.568      | 3.672      | -          |
| 125                                    | 0.158      | 1.729      | 3.458      | 310                                    | 1.583      | 3.711      | -          |
| 130                                    | 0.158      | 1.810      | 3.515      | 315                                    | 1.598      | 3.750      | -          |
| 135                                    | 0.197      | 1.891      | 3.573      | 320                                    | 1.613      | 3.789      | -          |
| 140                                    | 0.243      | 1.972      | 3.631      | 325                                    | 1.628      | 3.828      | -          |
| 145                                    | 0.289      | 2.053      | 3.688      | 330                                    | 1.644      | 3.867      | -          |
| 150                                    | 0.336      | 2.134      | 3.746      | 335                                    | 1.659      | 3.906      | -          |
| 155                                    | 0.382      | 2.215      | 3.804      | 340                                    | 1.674      | 3.945      | -          |
| 160                                    | 0.428      | 2.296      | 3.861      | 345                                    | 1.689      | 3.984      | -          |
| 165                                    | 0.474      | 2.377      | 3.919      | 350                                    | 1.705      | 4.023      | -          |
| 170                                    | 0.520      | 2.457      | 3.977      | 355                                    | 1.720      | 4.063      | -          |
| 175                                    | 0.566      | 2.538      | 4.035      | 360                                    | 1.735      | 4.102      | -          |
| 180                                    | 0.612      | 2.619      | 4.092      | 365                                    | 1.750      | 4.141      | -          |
| 185                                    | 0.658      | 2.700      | 4.150      | 370                                    | 1.766      | 4.180      | -          |
| 190                                    | 0.704      | 2.773      | 4.208      | 375                                    | 1.781      | 4.219      | -          |
| 195                                    | 0.751      | 2.812      | 4.265      | 380                                    | 1.796      | 4.258      | -          |
| 200                                    | 0.797      | 2.851      | -          | 385                                    | 1.811      | 4.297      | -          |
| 205                                    | 0.843      | 2.890      | -          | 390                                    | 1.827      | -          | -          |
| 210                                    | 0.889      | 2.929      | -          | 395                                    | 1.842      | -          | -          |
| 215                                    | 0.935      | 2.968      | -          | 400                                    | 1.857      | -          | -          |
| 220                                    | 0.981      | 3.007      | -          | 405                                    | 1.872      | -          | -          |

PLEASE NOTE: The critical temperatures in this loading table are as defined for offices in accordance with BS5950-8:2003 as per Table 18 of the ASFP 5th Edition Yellow Book. The Yellow book also gives new critical temperatures to comply with several different building uses either to the Eurocodes for steel design or BS5950-8:2003. Alternative loadings tables to other critical temperatures are available from the Nullifire Technical Desk on request.





# SC804 Loading Tables

SC804  
Material Specification  
Specific Gravity: 1.38 ± 0.02  
Volume Solids: 69% ± 3%

**Nullifire**  
Smart Protection

## 4-sided Hollow Beams - Critical Temperature: 520°C

| Section Factor<br>up to m <sup>1</sup> | 30 minutes | 60 minutes | 90 minutes | Section Factor<br>up to m <sup>1</sup> | 30 minutes | 60 minutes | 90 minutes |
|--|------------|------------|------------|--|------------|------------|------------|
|  | DFT (mm)   | DFT (mm)   | DFT (mm)   |  | DFT (mm)   | DFT (mm)   | DFT (mm)   |
| 40                                     | 0.158      | 0.578      | 1.195      | 225                                    | 1.027      | 3.046      | -          |
| 45                                     | 0.158      | 0.643      | 1.423      | 230                                    | 1.073      | 3.085      | -          |
| 50                                     | 0.158      | 0.707      | 1.743      | 235                                    | 1.120      | 3.125      | -          |
| 55                                     | 0.158      | 0.772      | 2.083      | 240                                    | 1.166      | 3.164      | -          |
| 60                                     | 0.158      | 0.837      | 2.424      | 245                                    | 1.212      | 3.203      | -          |
| 65                                     | 0.158      | 0.901      | 2.765      | 250                                    | 1.258      | 3.242      | -          |
| 70                                     | 0.158      | 0.966      | 2.823      | 255                                    | 1.304      | 3.281      | -          |
| 75                                     | 0.158      | 1.031      | 2.880      | 260                                    | 1.350      | 3.320      | -          |
| 80                                     | 0.158      | 1.095      | 2.938      | 265                                    | 1.396      | 3.359      | -          |
| 85                                     | 0.158      | 1.160      | 2.996      | 270                                    | 1.442      | 3.398      | -          |
| 90                                     | 0.158      | 1.224      | 3.054      | 275                                    | 1.476      | 3.437      | -          |
| 95                                     | 0.158      | 1.289      | 3.111      | 280                                    | 1.491      | 3.476      | -          |
| 100                                    | 0.158      | 1.354      | 3.169      | 285                                    | 1.507      | 3.515      | -          |
| 105                                    | 0.158      | 1.418      | 3.227      | 290                                    | 1.522      | 3.554      | -          |
| 110                                    | 0.158      | 1.486      | 3.284      | 295                                    | 1.537      | 3.594      | -          |
| 115                                    | 0.158      | 1.567      | 3.342      | 300                                    | 1.552      | 3.633      | -          |
| 120                                    | 0.158      | 1.648      | 3.400      | 305                                    | 1.568      | 3.672      | -          |
| 125                                    | 0.158      | 1.729      | 3.458      | 310                                    | 1.583      | 3.711      | -          |
| 130                                    | 0.158      | 1.810      | 3.515      | 315                                    | 1.598      | 3.750      | -          |
| 135                                    | 0.197      | 1.891      | 3.573      | 320                                    | 1.613      | 3.789      | -          |
| 140                                    | 0.243      | 1.972      | 3.631      | 325                                    | 1.628      | 3.828      | -          |
| 145                                    | 0.289      | 2.053      | 3.688      | 330                                    | 1.644      | 3.867      | -          |
| 150                                    | 0.336      | 2.134      | 3.746      | 335                                    | 1.659      | 3.906      | -          |
| 155                                    | 0.382      | 2.215      | 3.804      | 340                                    | 1.674      | 3.945      | -          |
| 160                                    | 0.428      | 2.296      | 3.861      | 345                                    | 1.689      | 3.984      | -          |
| 165                                    | 0.474      | 2.377      | 3.919      | 350                                    | 1.705      | 4.023      | -          |
| 170                                    | 0.520      | 2.457      | 3.977      | 355                                    | 1.720      | 4.063      | -          |
| 175                                    | 0.566      | 2.538      | 4.035      | 360                                    | 1.735      | 4.102      | -          |
| 180                                    | 0.612      | 2.619      | 4.092      | 365                                    | 1.750      | 4.141      | -          |
| 185                                    | 0.658      | 2.700      | 4.150      | 370                                    | 1.766      | 4.180      | -          |
| 190                                    | 0.704      | 2.773      | 4.208      | 375                                    | 1.781      | 4.219      | -          |
| 195                                    | 0.751      | 2.812      | 4.265      | 380                                    | 1.796      | 4.258      | -          |
| 200                                    | 0.797      | 2.851      | -          | 385                                    | 1.811      | 4.297      | -          |
| 205                                    | 0.843      | 2.890      | -          | 390                                    | 1.827      | -          | -          |
| 210                                    | 0.889      | 2.929      | -          | 395                                    | 1.842      | -          | -          |
| 215                                    | 0.935      | 2.968      | -          | 400                                    | 1.857      | -          | -          |
| 220                                    | 0.981      | 3.007      | -          | 405                                    | 1.872      | -          | -          |

PLEASE NOTE: The critical temperatures in this loading table are as defined for offices in accordance with BS5950-8:2003 as per Table 18 of the ASFP 5th Edition Yellow Book. The Yellow book also gives new critical temperatures to comply with several different building uses either to the Eurocodes for steel design or BS5950-8:2003. Alternative loadings tables to other critical temperatures are available from the Nullifire Technical Desk on request.

