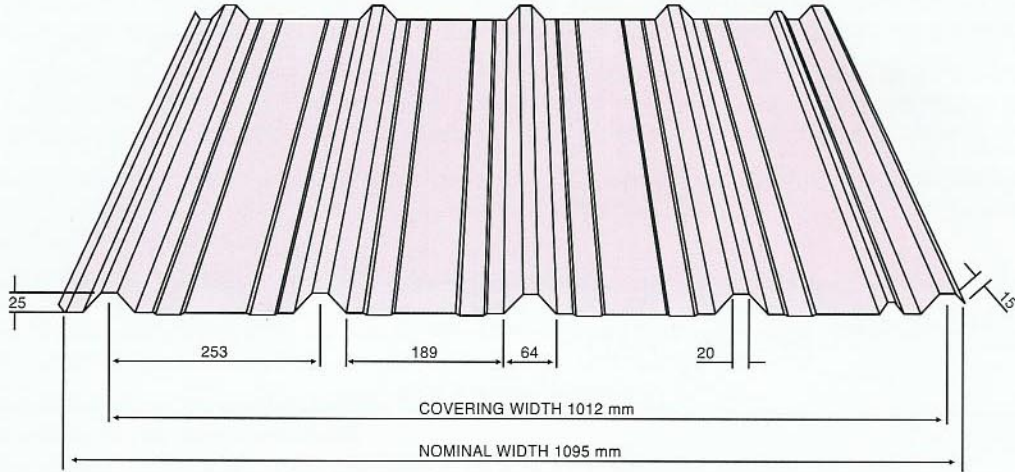


# DATA SHEET

# ALUMINIUM RH 25253



## APPLICATIONS

Roof and wall sheets

## SPECIFICATIONS

## REF. PROFILED ALUMINIUM SPEC. SHEET

## ALLOWABLE LOAD TABLE:

**N/M<sup>2</sup>**

| mm   | Span condition | Purlins centers in mm |      |      |      |      | M I<br>mm 4/M | WEIGHT<br>KG/M <sup>2</sup> | ZxTOP<br>mm <sup>3</sup> /M | ZxBOTT.<br>mm <sup>3</sup> /M |
|------|----------------|-----------------------|------|------|------|------|---------------|-----------------------------|-----------------------------|-------------------------------|
|      |                | 1000                  | 1250 | 1500 | 1750 | 2000 |               |                             |                             |                               |
| 0.50 | △△             | 827                   | 515  | 298  | 188  | 126  | 37409         | 1.644                       | 1867                        | 7533                          |
|      | △△△            | 1034                  | 662  | 459  | 300  | 201  |               |                             |                             |                               |
| 0.60 | △△             | 984                   | 611  | 354  | 223  | 149  | 44428         | 1.973                       | 2221                        | 8899                          |
|      | △△△            | 1229                  | 787  | 546  | 357  | 239  |               |                             |                             |                               |
| 0.70 | △△             | 1137                  | 706  | 409  | 257  | 172  | 51299         | 2.301                       | 2567                        | 10220                         |
|      | △△△            | 1421                  | 910  | 632  | 412  | 276  |               |                             |                             |                               |
| 0.80 | △△             | 1288                  | 799  | 462  | 291  | 195  | 58024         | 2.63                        | 2908                        | 11499                         |
|      | △△△            | 1610                  | 1030 | 716  | 466  | 312  |               |                             |                             |                               |
| 0.90 | △△             | 1435                  | 889  | 515  | 324  | 217  | 64605         | 2.96                        | 3242                        | 12735                         |
|      | △△△            | 1795                  | 1149 | 798  | 518  | 347  |               |                             |                             |                               |
| 1.00 | △△             | 1581                  | 978  | 566  | 356  | 239  | 71043         | 3.29                        | 3570                        | 13930                         |
|      | △△△            | 1976                  | 1265 | 878  | 570  | 382  |               |                             |                             |                               |
| 1.20 | △△             | 1864                  | 1149 | 665  | 419  | 281  | 83505         | 3.94                        | 4208                        | 16201                         |
|      | △△△            | 2330                  | 1491 | 1035 | 670  | 449  |               |                             |                             |                               |

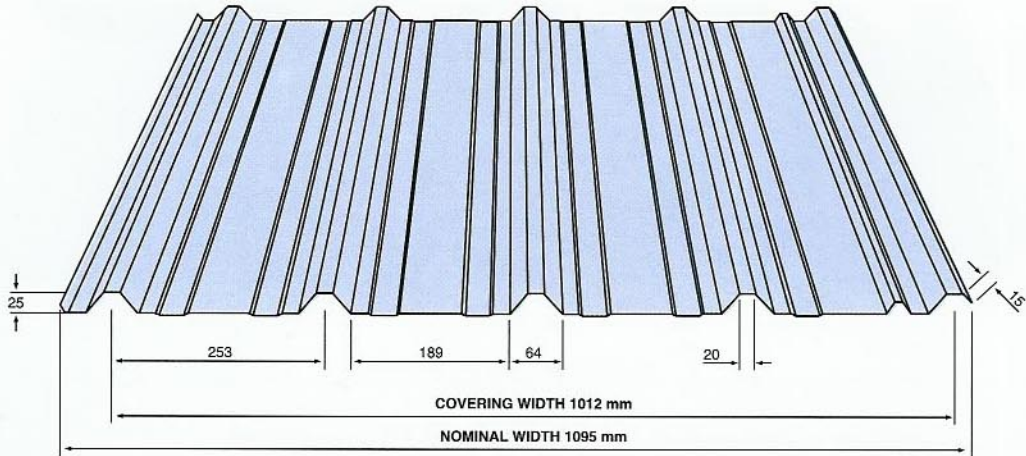
Working Load in N/m<sup>2</sup> and limiting deflection L/200. Yield strength considered is 160N/mm<sup>2</sup>.

Values would change for other yield strengths.

Profiles RH Factory LLC can produce in any length upto 16m and 1.095m width.

# DATA SHEET

# STEEL RH 25253



**APPLICATIONS**  
Roof and wall sheets

**SPECIFICATIONS**  
**REF. PROFILED STEEL SPEC. SHEET**

ALLOWABLE LOAD TABLE:

**N/M<sup>2</sup>**

| mm   | Span condition | Purlins centers in mm |      |      |      |      | M I<br>mm 4/M | WEIGHT<br>KG/M <sup>2</sup> | ZxTOP<br>mm <sup>2</sup> /M | ZxBOTT.<br>mm <sup>2</sup> /M |
|------|----------------|-----------------------|------|------|------|------|---------------|-----------------------------|-----------------------------|-------------------------------|
|      |                | 1000                  | 1250 | 1500 | 1750 | 2000 |               |                             |                             |                               |
| 0.50 | △△             | 1783                  | 1141 | 793  | 563  | 377  | 37409         | 4.72                        | 1867                        | 7533                          |
|      | △△△            | 2229                  | 1427 | 991  | 728  | 557  |               |                             |                             |                               |
| 0.60 | △△             | 2121                  | 1357 | 943  | 668  | 448  | 44428         | 5.67                        | 2221                        | 8899                          |
|      | △△△            | 2651                  | 1697 | 1178 | 866  | 663  |               |                             |                             |                               |
| 0.70 | △△             | 2452                  | 1569 | 1090 | 772  | 517  | 51299         | 6.6                         | 2567                        | 10220                         |
|      | △△△            | 3065                  | 1962 | 1362 | 1001 | 766  |               |                             |                             |                               |
| 0.80 | △△             | 2777                  | 1777 | 1234 | 873  | 585  | 58024         | 7.55                        | 2908                        | 11499                         |
|      | △△△            | 3471                  | 2222 | 1543 | 1134 | 868  |               |                             |                             |                               |
| 0.90 | △△             | 3096                  | 1982 | 1376 | 972  | 651  | 64605         | 8.49                        | 3242                        | 12735                         |
|      | △△△            | 3870                  | 2477 | 1720 | 1264 | 968  |               |                             |                             |                               |
| 1.00 | △△             | 3409                  | 2182 | 1515 | 1069 | 716  | 71043         | 9.44                        | 3570                        | 13930                         |
|      | △△△            | 4262                  | 2728 | 1894 | 1392 | 1065 |               |                             |                             |                               |
| 1.20 | △△             | 4018                  | 2572 | 1786 | 1256 | 842  | 83505         | 11.33                       | 4208                        | 16201                         |
|      | △△△            | 5023                  | 3215 | 2232 | 1640 | 1256 |               |                             |                             |                               |

Working Load in N/m<sup>2</sup> and limiting deflection L/200. Yield strength considered is 345N/mm<sup>2</sup>.

Values would change for other yield strengths.

Profiles RH Factory LLC can produce in any length upto 16m and 1.095m width.