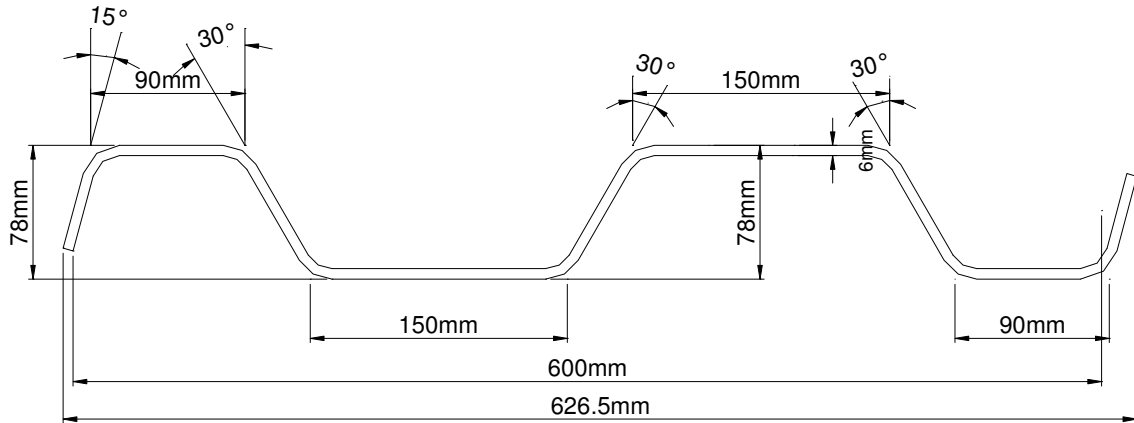


# TECHNICAL INFORMATION

## KKD 600/6 Trench Sheets



### PROPERTIES

|                                                  |   |                       |
|--------------------------------------------------|---|-----------------------|
| Effective Width                                  | = | 600 mm                |
| Depth                                            | = | 78 mm                 |
| Thickness                                        | = | 6 mm                  |
| Weight per m <sup>2</sup>                        | = | 62.4 kg               |
| Weight of sheet per m                            | = | 37.4 kg               |
| Cross sectional area per sheet                   | = | 48.8 cm <sup>2</sup>  |
| Steel Grade                                      | = | S275JR                |
| Allowable Stress (F.O.S. = 1.5)                  | = | 183 N/mm <sup>2</sup> |
| Second Moment of Area <i>I</i> (per sheet)       | = | 420 cm <sup>4</sup>   |
| Second Moment of Area <i>I</i> (per m)           | = | 699 cm <sup>4</sup>   |
| Section Modulus <i>Z</i> (per sheet)             | = | 108 cm <sup>3</sup>   |
| Section Modulus <i>Z</i> (per m)                 | = | 179 cm <sup>3</sup>   |
| Moment Capacity <i>M<sub>c</sub></i> (per sheet) | = | 19.7 kNm/m            |
| Moment Capacity <i>M<sub>c</sub></i> (per m)     | = | 32.8 kNm/m            |