

CONVERSION TABLES

CONVERTING FROM RAND PER METRE TO RAND PER TON

| | | |
|-------------------------------------|-----------------------|----------------------------|
| EXAMPLE: 25 X 25 X 2,5 ANGLE | RAND PER METRE | MASS PER METRE |
| | 4,08 | 0,939 |
| | → DIVIDED BY → | |
| | = 4,34505 | → MULTIPLIED BY → 1 000,00 |
| | = 4345,05 | |

CONVERTING FROM RAND PER TON TO RAND PER METRE

| | | |
|-------------------------------------|---------------------|-------------------------|
| EXAMPLE: 25 X 25 X 2,5 ANGLE | RAND PER TON | MASS PER METRE |
| | 4345,05 | 1 000,00 |
| | → DIVIDED BY → | |
| | = 4,34505 | → MULTIPLIED BY → 0,939 |
| | = 4,08 | |

CALCULATING MASS PER SHEET

| | | | |
|--|---------------------------|-------------------|---------------------|
| EXAMPLE: 2450 X 1225 X 1,6 HR SHEET | SHEET FACTOR 8,039 | | |
| LENGTH/1 000 | WIDTH/1 000 | THICKNESS | FACTOR |
| 2,45 | MULTIPLIED BY 1,225 | MULTIPLIED BY 1,6 | MULTIPLIED BY 8,039 |
| = 38,60 | kg | | |

| | | | |
|---|--------------------------|-----------------|--------------------|
| EXAMPLE: 2500 X 1200 X 5,0 PLATE | PLATE FACTOR 7,85 | | |
| LENGTH/1 000 | WIDTH/1 000 | THICKNESS | FACTOR |
| 2,50 | MULTIPLIED BY 1,20 | MULTIPLIED BY 5 | MULTIPLIED BY 7,85 |
| = 117,75 | kg | | |

CONVERTING FROM RAND PER SHEET TO RAND PER TON

| | | |
|--|-----------------------|----------------------------|
| EXAMPLE: 2450 X 1225 X 1,6 HR SHEET | RAND PER SHEET | MASS PER METRE |
| | 164,26 | 38,6 |
| | → DIVIDED BY → | |
| | = 4,25544 | → MULTIPLIED BY → 1 000,00 |
| | = 4255,44 | |

CONVERTING FROM RAND PER TON TO RAND PER PLATE

| | | |
|---|---------------------|--------------------------|
| EXAMPLE: 2500 X 1200 X 5,0 PLATE | RAND PER TON | MASS PER PLATE |
| | 3834,99 | 1 000,00 |
| | → DIVIDED BY → | |
| | = 3,83499 | → MULTIPLIED BY → 117,75 |
| | = 451,57 | |

CALCULATING MASS PER METRE FOR A TUBE

| | | | | |
|-------------------------------------|-----------------|-------------------|-------------------|---------------|
| EXAMPLE: 19 OD X 2,9 WT TUBE | DIAMETER | WALL THICK | WALL THICK | FACTOR |
| | 19 | 2,9 | 2,9 | 0,0253 |
| | MINUS | MULTIPLIED BY | MULTIPLIED BY | |
| | = 1,181 | kg per metre | | |