

Scaling

| | | | |
|------|----|----|----|
| 25% | A0 | TO | A4 |
| 35% | A1 | TO | A4 |
| 50% | A0 | TO | A2 |
| | A1 | | A3 |
| | A2 | | A4 |
| 70% | A0 | TO | A1 |
| | A1 | | A2 |
| | A2 | | A3 |
| | A3 | | A4 |
| 141% | A1 | TO | A0 |
| | A2 | | A1 |
| | A3 | | A2 |
| | A4 | | A3 |
| 200% | A2 | TO | A0 |
| | A3 | | A1 |
| | A4 | | A2 |
| 282% | A3 | TO | A0 |
| | A4 | | A1 |
| 400% | A4 | TO | A0 |

Scaling

| | | | |
|------------------------------------|-------|-----------------------|---------|
| <u>Original</u> <u>Required</u> | X 100 | $\frac{1:100}{1:250}$ | = 40% ✓ |
| <u>Required</u> <u>Original</u> | X 100 | $\frac{420}{230}$ | = 183% |
| | | $\frac{230}{420}$ | = 55% |

If more than 400% is required eg 500% divide by 2 so first step is 250% then go 200%

Please note:

It is important to understand what the customer wants. When they say they want something 'blown up' by 200% they may mean an A4 to an A3 which is in fact only 141%. This applies with A3 to A2 (141%) See scaling table on previous page.

$$\frac{1}{100} \times 50\% = \frac{1}{200}$$

$$A_3 \times 70.7\% \rightarrow A_4$$

$$A_2 \times 50\% \rightarrow A_4$$