



## Copperbond Earth Rods

Wallis copperbond earth rods offer installers the most economical method of achieving a low earth resistance.

Each rod has a high tensile strength, low carbon steel core. 99.95% pure copper is applied electrolytically and forms a metallurgical bond between the steel core and the copper. This combination makes the rod ideal for deep driving whilst also provides lasting resistance to corrosion.

The threads are formed by a cold rolling process which ensures strength and maintains the molecularly bonded copper covering along the full length of the threads. Cold-rolled threads are stronger than cut-threads.

The standard copper thickness is 0.25mm. Greater copper thicknesses are also available. Please contact our sales office for further information.

### Threaded

| Nominal Size | L mm | Thread Size (UNC-2A) | Shank D mm | L1 mm | Unit Weight kg | Pack Quantity | Part Number |
|--------------|------|----------------------|------------|-------|----------------|---------------|-------------|
| 1/2"         | 1200 | 9/16"                | 12.7       | 30    | 1.18           | 5             | ERB 412     |
|              | 1500 |                      |            |       | 1.55           |               | ERB 415     |
|              | 1800 |                      |            |       | 1.76           |               | ERB 418     |
|              | 2400 |                      |            |       | 2.36           |               | ERB 424     |
| 5/8"         | 1200 | 5/8"                 | 14.2       | 30    | 1.53           | 5             | ERB 112     |
|              | 1500 |                      |            |       | 1.88           |               | ERB 115     |
|              | 1800 |                      |            |       | 2.29           |               | ERB 118     |
|              | 2400 |                      |            |       | 3.00           |               | ERB 124     |
|              | 3000 |                      |            |       | 3.79           |               | ERB 130     |
| 3/4"         | 1200 | 3/4"                 | 17.2       | 35    | 2.19           | 5             | ERB 212     |
|              | 1500 |                      |            |       | 2.73           |               | ERB 215     |
|              | 1800 |                      |            |       | 3.27           |               | ERB 218     |
|              | 2400 |                      |            |       | 4.35           |               | ERB 224     |
|              | 3000 |                      |            |       | 5.44           |               | ERB 230     |

**Material:** Pure copper molecularly bonded onto a steel core.

### Unthreaded

| Nominal Size | L mm | Shank D mm | Unit Weight kg | Pack Quantity | Part Number |
|--------------|------|------------|----------------|---------------|-------------|
| 3/8"         | 1200 | 9.5        | 0.62           | 5             | ERB 012     |

**Material:** Pure copper molecularly bonded onto a steel core.

