

TECHNICAL INFORMATION FOR

---

# EXPRESS NAIL

---



TECHNICAL DATA SHEET



## EXPRESS NAILS



- An underestimated rapid hammer-set anchor for concrete and masonry,
- ideal for interior timber-work such as battens and frames.

1 2 3 4 5  
CLEAN, DRY & LOW HUMIDITY ENVIRONMENTS

ZINC



## FEATURES



- Special sprung steel to ensure uniform grip in substrate
- Zinc plated and passivated (3-5 microns)

## PRODUCT RANGE

ZINC

| Product Code | Size $\varnothing$ x L (mm) | MFT (mm) | FCH $\varnothing$ (mm) | Box Qty | Carton Qty (Box) | Boxes Per Carton |
|--------------|-----------------------------|----------|------------------------|---------|------------------|------------------|
| 00650EN      | 6 x 50                      | 20       | 7                      | 200     | 2,000            | 10               |
| 00660EN      | 6 x 60                      | 30       | 7                      | 100     | 1,000            | 10               |
| 00680EN      | 6 x 80                      | 50       | 7                      | 100     | 1,000            | 10               |
| 00870EN      | 8 x 70                      | 30       | 9                      | 100     | 1,000            | 10               |
| 00890EN      | 8 x 90                      | 50       | 9                      | 50      | 900              | 18               |
| 08110EN      | 8 x 110                     | 70       | 9                      | 50      | 500              | 10               |
| 08130EN      | 8 x 130                     | 90       | 9                      | 50      | 500              | 10               |
| 08150EN      | 8 x 150                     | 110      | 9                      | 50      | 400              | 8                |
| 08180EN      | 8 x 180                     | 140      | 9                      | 50      | 400              | 8                |

MFT = Max Fixture Thickness. FCH = Fixture Clearance Hole.

## TECHNICAL DATA

23-150KG

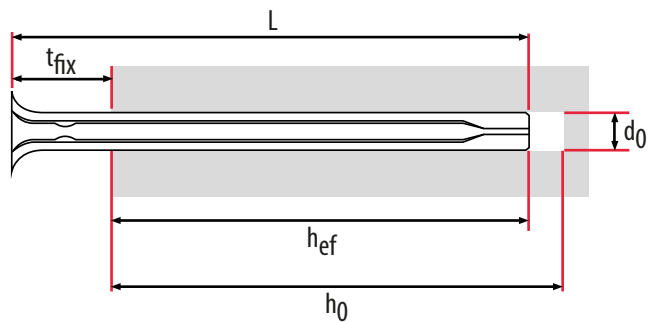
| Substrate                        | Concrete $\geq 25\text{N/mm}^2$ |      | Fletton Brick $30\text{N/mm}^2$ |      | Cheshire Brick $45\text{N/mm}^2$ |      | Class B Eng. Brick $75\text{N/mm}^2$ |      |
|----------------------------------|---------------------------------|------|---------------------------------|------|----------------------------------|------|--------------------------------------|------|
|                                  | 6                               | 8    | 6                               | 8    | 6                                | 8    | 6                                    | 8    |
| Rec. Tensile Load (kN) $N_{rec}$ | 0.52                            | 1.50 | 0.48                            | 0.61 | 0.29                             | 0.53 | 0.28                                 | 0.62 |
| Max Rec. Load (kg)               | 52                              | 150  | 48                              | 61   | 29                               | 53   | 28                                   | 62   |

## INSTALLATION DATA

| Product Code | Length L (mm) | Drill Hole Dia. $d_0$ (mm) | Min. Drill Hole Depth $h_0$ (mm) | Min. Embedment Depth $h_{ef}$ (mm) | Max Fixture Thickness $t_{fix}$ (mm) |
|--------------|---------------|----------------------------|----------------------------------|------------------------------------|--------------------------------------|
| 00650EN      | 6 x 50        | 6.0                        | 40                               | 30                                 | 20                                   |
| 00660EN      | 6 x 60        | 6.0                        | 40                               | 30                                 | 30                                   |
| 00680EN      | 6 x 80        | 6.0                        | 40                               | 30                                 | 50                                   |
| 00870EN      | 8 x 70        | 8.0                        | 50                               | 40                                 | 30                                   |
| 00890EN      | 8 x 90        | 8.0                        | 50                               | 40                                 | 50                                   |
| 08110EN      | 8 x 110       | 8.0                        | 50                               | 40                                 | 70                                   |
| 08130EN      | 8 x 130       | 8.0                        | 50                               | 40                                 | 90                                   |
| 08150EN      | 8 x 150       | 8.0                        | 50                               | 40                                 | 110                                  |
| 08180EN      | 8 x 180       | 8.0                        | 50                               | 40                                 | 140                                  |

\*all figures stated are approximate and for reference only.

|       |                       |           |                           |
|-------|-----------------------|-----------|---------------------------|
| L     | Length                | $h_{ef}$  | Min. Embedment Depth      |
| $d_0$ | Drill Hole Dia.       | $t_{fix}$ | Maximum Fixture Thickness |
| $h_0$ | Min. Drill Hole Depth |           |                           |



## INSTALLATION GUIDELINES

