

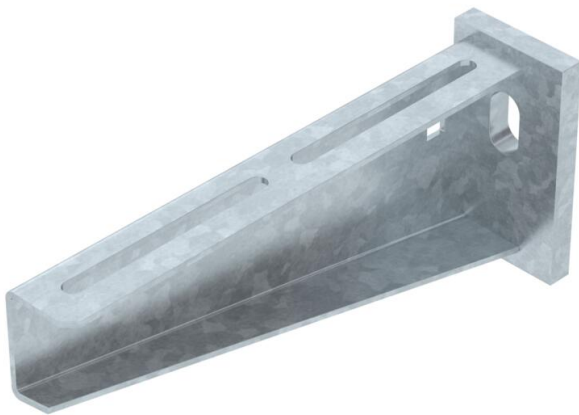
# Technical data sheet

## Wall and support bracket AW 55 FT

Item number: 6418554



Heavy-duty wall and support bracket with welded head plate.  
Fastening of the bracket to the U support of width 400 mm or greater using a hexagonal bolt through both sides of the support. Please insert suitable spacers.



St

Steel

FT

Hot-dip galvanised

### Master data

|                                    |                          |
|------------------------------------|--------------------------|
| Item number                        | 6418554                  |
| Type                               | AW 55 21 FT              |
| Description 1                      | Wall and Support bracket |
| Description 2                      | with welded head plate   |
| Manufacturer                       | OBO                      |
| Dimension                          | B210mm                   |
| Colour                             | zinc                     |
| Material                           | Steel                    |
| Surface                            | Hot-dip galvanised       |
| Surface standard                   | DIN EN ISO 1461          |
| Smallest sales unit                | 1                        |
| Unit of quantity                   | Piece                    |
| Weight                             | 75.7 kg                  |
| Weight unit                        | kg/100 pc.               |
| CO2 Footprint (GWP) Cradle-to-Gate | 1,8702 kg CO2e / 1 Piece |

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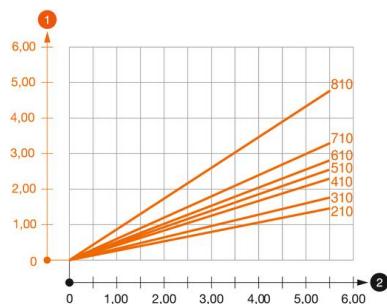
### Dimensions

|             |        |
|-------------|--------|
| Length      | 50 mm  |
| Width       | 210 mm |
| Height      | 90 mm  |
| Dimension A | 50 mm  |
| Dimension B | 210 mm |
| Dimension H | 90 mm  |

### Technical data

|                               |                          |
|-------------------------------|--------------------------|
| Version for                   | Wall and support bracket |
| EPD article                   | yes                      |
| F in kN                       | 5.5 kN                   |
| Maintain electrical functions | yes                      |
| Hole diameter                 | 13.5 mm                  |
| Rustproof steel, pickled      | no                       |
| Angle range, max.             | 90 mm                    |
| Angle range, min.             | 90 mm                    |

### Loads



#### Load diagram, bracket, type AW 55

- 1 Bending of the bracket tip at permitted bracket load
- 2 Permitted bracket load in kN without man load
- Load curve with bracket lengths in mm

### Characteristic anchor load values for wall and support bracket AW 55

#### Wall fastening

|                 |                                                                                                                                                                                                                                                                    |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | Max. load [kN]                                                                                                                                                                                                                                                     |
|                 | Bracket width [mm]                                                                                                                                                                                                                                                 |
| Anchor type     | <TEXT><P>210</P></TEXT>, <TEXT><P>310</P></TEXT>, <TEXT><P>410</P></TEXT>, <TEXT><P>510</P></TEXT>, <TEXT><P>560</P></TEXT>, <TEXT><P>610</P></TEXT>, <TEXT><P>710</P></TEXT>, <TEXT><P>810</P></TEXT>, <TEXT><P>910</P></TEXT>, <TEXT><P>1010</P></TEXT>          |
| BZ3 12x110/0-35 | <TEXT><P>3.92</P></TEXT>, <TEXT><P>3.83</P></TEXT>, <TEXT><P>3.79</P></TEXT>, <TEXT><P>3.46</P></TEXT>, <TEXT><P>3.30</P></TEXT>, <TEXT><P>3.30</P></TEXT>, <TEXT><P>3.15</P></TEXT>, <TEXT><P>2.53</P></TEXT>, <TEXT><P>2.38</P></TEXT>, <TEXT><P>2.23</P></TEXT> |

Die angegebenen Werte basieren auf gerissenem Beton der Festigkeitsklasse C20/25. Die Einbaubedingungen der ETA-Zulassung (Dübel) sind zu beachten!