# BALANCE
# SELF LEVELLING ADJUSTABLE PEDESTALS

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|---|---|
| Material | Wallbarn BALANCE self-levelling Pedestals are manufactured from high quality polypropylene and are suitable for outdoor laying in normal atmospheric conditions with all technical, physical and mechanical properties maintained in the long-term. Manufacture of all pedestals conform to quality management systems standard UNI EN ISO 9001:2008. |
| Application | Wallbarn Adjustable Pedestals can be laid on all secure and stable floor surfaces allowing inspection under slabs or decking without demolition. Installation in external areas helps protect the waterproof surface and allows practical use of the terrace. |
| Technical data | The polypropylene BALANCE Pedestals can be laid with temperatures from -40°C to + 75°C. The material is particularly resistant to sudden temperature changes, resists acid, alkaline and salts, atmospheric agents. Self levelling headpiece moves in all directions on optic mechanism designed within the headpiece. |

## Physical-Mechanical Properties

| | Melt Flow Rate | Weight Density | VICAT with load of 5kg | HDT with load of 1,820 kPa | Coefficient of Elasticity | Impact Izod with engrading (IZOD at 23°C) | Impact IZOD with engrading (IZOD at -20°C) |
|---|---|---|---|---|---|---|---|
| **Test Method** | ASTM D1238 | ASTM D792 Method A | ASTM D1525 | ASTM D648 | ASTM D790 | ASTM D256 | ASTM D256 |
| **Unit** | Gr/10 | Gr/cm³ | °C | °C | Mpa | J/m | J/m |
| | 14-16 | 0.99-1.04 | >75 | >90 | >1600 | >40 | >20 |

## Fire Rating

Wallbarn BALANCE Pedestals have been classed as 'EUROCLASSE E' according to EN 13501-1:2009

## Technical Data

**WALLBARN BALANCE PEDESTALS – FOR PAVING and TIMBER DECKING**

| Support height | Head diameter | Base plate diameter | Lug Dimensions BALANCE range | Weight tolerance | Degree of slope on head | Can a slope Corrector be used? |
|---|---|---|---|---|---|---|
| SP-BAL-025 | 120mm | 200mm (150mm available) | **Standard:** 2.2 x 10mm **Also available:** 4 x 10mm | **Maximum Load:** 11,493 N = 1,171kg **End of Linear Behaviour:** 6,700N = 683kg | **5% - 2.86° in all directions** | No |
| SP-BAL-047 | | | | | | YES |
| SP-BAL-062 | | | | | | |
| SP-BAL-077 | | | | | | |
| SP-BAL-107 | | | | | | |
| SP-BAL-137 | | | | | | |
| SP- BAL-167 | | | | | | |
| SP- BAL-197 | | | | | | |
| SP- BAL-222 ❶ | | | | | | |
| SP- BAL-252 ❶ | | | | | | |
| SP- BAL-282 ❶ | | | | | | |
| SP- BAL-312 ❶ | | | | | | |
| SP- BAL-342 ❶ | | | | | | |
| SP-BAL-EXTRA-97 ❷ | | | | | | |
| SP-BAL-EXTRA-137 ❷ | | | | | | |
| SP-BAL-EXTRA-222 ❷ | | | | | | |

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❶ **using extension shank** ❷ **using special thread piece & extension shank**