



## Wallbarn - Technical Datasheet

### Universal Pedestals



|                          |                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PEDESTAL MATERIAL</b> | Wallbarn Universal Adjustable 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. |
| <b>APPLICATION</b>       | The Pedestals can be laid on all secure and stable floor surfaces allowing inspection under tiles, slabs or decking without demolition.                                                                                                                                                                                                             |
| <b>TECHNICAL DATA</b>    | These polypropylene Pedestals can be laid with temperatures from - 40°C to + 75°C. The material is particularly resistant to sudden temperature changes, resists acid, alkaline, salts and atmospheric agents.                                                                                                                                      |

Wallbarn Ltd  
Unit 16 Capital Business Centre  
22 Carlton Road, South Croydon. CR2 0BS

IMS.T.117.v6

Phone : 0208 916 2222 Email : [sales@wallbarn.com](mailto:sales@wallbarn.com) Website : [www.wallbarn.com](http://www.wallbarn.com)



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**35-50mm**

SP-UNIVERSAL-035-Z



**50-70mm**

SP-UNIVERSAL-050-Z



**65-100mm**

SP-UNIVERSAL-065-Z



**95-130mm**

SP-UNIVERSAL-095-Z

### Universal Extra Pedestals



**85-135mm**

SP-UNIVERSAL-EXTRA-085-Z



**125-215mm**

SP-UNIVERSAL-EXTRA-125-Z



**210-380mm**

SP-UNIVERSAL-EXTRA-210-Z

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## 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 engraving (IZOD at 23°C) | Impact IZOD with engraving (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/cm <sup>3</sup> | °C                     | °C                         | Mpa                       | J/m                                       | J/m                                        |
|             | 14-16          | 0.99-1.04          | >75                    | >90                        | >1600                     | >40                                       | >20                                        |

| Head Diameter                                                                                            | Base Diameter           | Lug Dimensions                                                      | Weight Tolerance                                                            | Slope corrector can be used |
|----------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------|
| 120mm                                                                                                    | 200mm (150mm Available) | Standard: 2.2 x 10mm<br>(4, 6, 8 & 10mm available on special order) | Maximum Load: 11,493 N = 1,171kg<br>End of Linear Behaviour: 6,700N = 683kg | Yes                         |
| Fire Rating                                                                                              |                         |                                                                     |                                                                             |                             |
| Wallbarn Adjustable Universal Pedestals have been classed as 'EUROCLASSE E' according to EN 13501-1:2009 |                         |                                                                     |                                                                             |                             |



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