

SafeDefence

Protection Systems KPSPost-S Product Data Sheet



Australian and New Zealand exclusive distributor for Kingspan Protection Systems

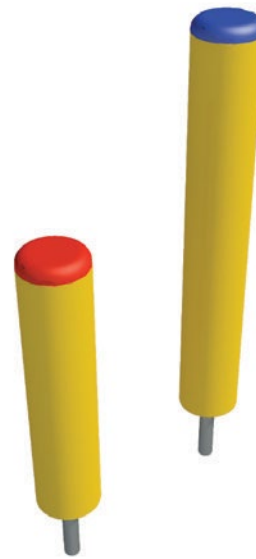
www.safedefence.com.au

Product Data

Our KPSPost-S provides a high-performance solution for the protection of building corners, inner and outer door areas and walls, as well as smaller surface areas.

KPSPost-S is manufactured from a high performance synthetic polymer to provide maximum impact resistance and, as it is self-coloured as opposed to painted, offers superior resistance to UV rays.

FLEXsafe™



Product Features

- Zero concrete damage upon impact
- 25 year life expectancy
- No exposed fixings shown
- Common single threaded rod anchor system used across all products
- Minimal maintenance once installed
- Easily removable threaded rod should it ever need to be replaced

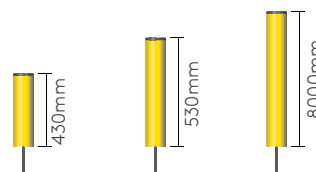
Dimensions

KPSPost-H – Dimensions (mm)			Drilling (mm)	
Diameter	Height	Rod Ø	Hole Ø	Depth
70	266	20	48	150
100	430	30	68	150
100	530	30	68	150
120	430	30	68	150
120	530	30	68	150
120	800	30	68	150
180	430	30	68	150

Product Properties

Temperature Range	-40°C to +80°C
Chemical Resistance	High resistance to acids, alkali and solvents
UV Resistance	Tested to BS EN ISO 4892-2:2014
Food Contact	Tested to BS EN 1186-2:2002 and BS EN 1186-3:2002
Material Impact Strength	Without break – DIN EN ISO 179

Standard Options



Technical Drawings



- Please scan the QR code to gain access to our Revit parts through BIM360.
- For 2D CAD files and layout requests please contact Technical Team.

Warranty



- KPS Product system covered by Kingspan Warranty.
- Covering for product material performance.
- For more Information please contact Technical team.



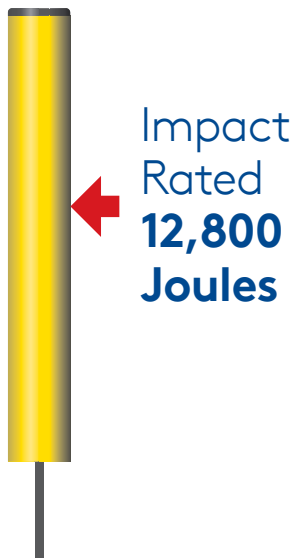
Impact Load Testing

Kingspan endeavours to underpin performance with third party independent testing. The university of Engineering and Architecture of Zaragoza, Spain have carried out onerous static load testing on various Kingspan SafeDefence Protection. As well as static load testing, dynamic impact testing has also been carried out on our entire product range. This has been completed by an independently verified testing facility, TUV Nord, showing market leading impact resistance.

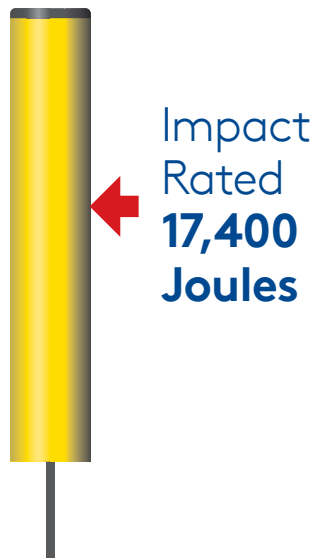
To calculate energy on impact, equivalent to the below:

$$\frac{1}{2} \text{ Mass (kg)} \times \text{Speed}^2 \text{ (km/h)} = \text{Joules (J)}$$

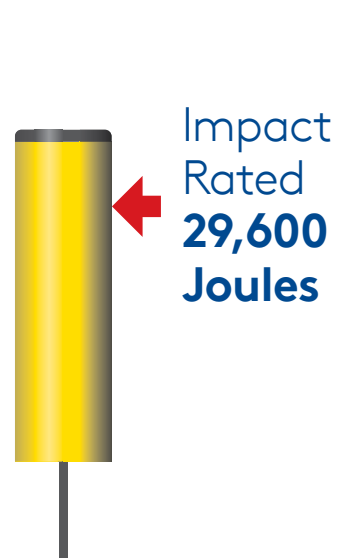
KPSPost-S 100mm



KPSPost-S 120mm



KPSPost-S 180mm



Environmental

- Minimum 40% recycled content and up to 60% in black coloured components.
- All products 100% recyclable.
- Replacement and repair process designed for product reuse and minimal waste.

Contact Details



Australian and New Zealand exclusive distributor for Kingspan Protection Systems

T: 1300 723 000

E: info@safedefence.com.au

www.safedefence.com.au

For the product offering in other markets please contact your local sales representative or visit www.kingspanpanels.com

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