

Fabrications, Safety, Energy & Lighting Solutions  
UK & Ireland

Protected by



# SafeDefence Safety Solutions KPSBarrier-D Product Data Sheet

SafeDefence Barrier Protection Systems





# SafeDefence Barrier Protection Systems

SafeDefence Barrier Protection Systems consist of high-performance, high-density polyethylene around a metal support, tested and certified to provide protection to people and structures from the impact of machinery.

The range includes:

- KPSPost for the protection of walls, doors and corners;
- KPSTrim impact resistant plinth for protection at the base of building corners, columns and walls;
- KPSRail for the protection of people in areas of forklift and other mobile machinery;
- KPSBarrier-S, KPSBarrier-D and KPSBarrier-H to protect walls, columns and other objects at varying heights.

## Testing

The University of Engineering and Architecture of Zaragoza, Spain, undertook a crash test with our Barrier Protection Systems to analyse the energy supported by our products and their impact resistance behaviour. Test results indicate that our Barrier Protection Systems products offer better impact protection than all others on the market due to their resistance and elasticity.

## Materials

Barrier Protection products are manufactured from solid\* high-density polyethylene designed to bend at the metal rod section with a force of over 10Tm, preventing floor and barrier breakage. Their simple construction and installation means they can be repaired or replaced immediately with minimum cost.

All products are located and installed independent of the elements to be protected, removing the risk of damage from impact transmission.

Hygienic and easy clean, low maintenance and carrying food-quality certification, these high-density polyethylene protective barrier systems are especially suitable for the agri-food industry.

\* KPSBarrier-H is manufactured from polyethylene but has a hollow construction.



# KPSBarrier-D

## Technical Data

Offering the same protection performance as our KPSBarrier-S, but at various heights.

KPSBarrier-D is manufactured from solid polyethylene to provide maximum protection and impact resistance.

### Technical Specification



Diameter		Dimensions (mm)			Drilling (mm)		
INF	SUP	Length	Number of Bases	Height	Ø Rod	Ø	Depth
70	70	500 / 1000	2	230	20	48	150
70	70	1500 / 2000	3	230	20	48	150
100	100	500 / 1000	2	300	20	48	150
100	100	1500 / 2000	3	300	20	48	150
120	120	500 / 1000	2	340	20	48	150
120	120	1500 / 2000	3	340	20	48	150



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