

# Kingspan – SafeDefence Barrier Protection Systems

## KPSBarrier-H – Crash Barrier

KPSBarrier-H features FLEXsafe – a superior high performance flexible synthetic polymer technology. Also available: KPSBarrier-H Plus and KPSBarrier-H DuoPlus.

**FLEXsafe Technology** is specifically designed to safely absorb impacts by deflecting at the point of impact gradually stopping any momentum.

### FLEXsafe

#### KPSBarrier-H Technical Specification



Dimensions (mm)						Drilling (mm)	
Diameter	Length	Number of Bases	Height	Ø Rod	Ø	Depth	
110	500	2	175	14	36	150	
110	1000	2	175	14	36	150	
110	1500	3	175	14	36	150	
110	2000	3	175	14	36	150	
110	2500	4	175	14	36	150	
170	500	2	220	16	38	150	
170	1000	2	220	16	38	150	
170	1500	3	220	16	38	150	
170	2000	3	220	16	38	150	

#### KPSBarrier-H Plus Technical Specification

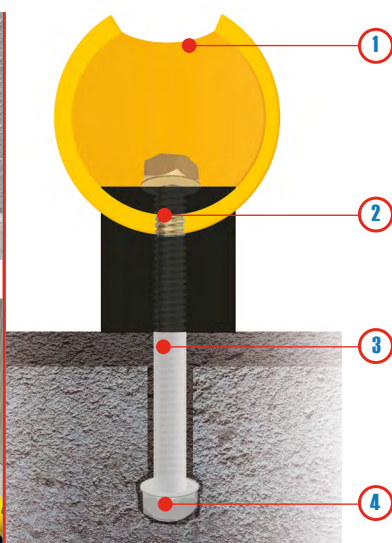
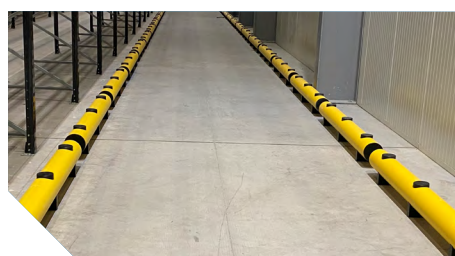


Dimensions (mm)						Drilling (mm)	
Diameter	Length	Number of Bases	Height	Ø Rod	Ø	Depth	
170/40	500	2	220	16	38	150	
170/40	1000	2	220	16	38	150	
170/40	1500	3	220	16	38	150	
170/40	2000	3	220	16	38	150	

#### KPSBarrier-H DuoPlus Technical Specification

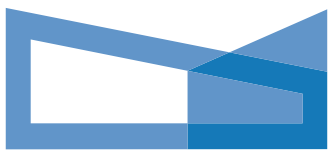


Dimensions (mm)						Drilling (mm)	
Diameter	Length	Number of Bases	Height	Ø Rod	Ø	Depth	
170/40	500	2	300	16	38	150	
170/40	1000	2	300	16	38	150	
170/40	1500	3	300	16	38	150	
170/40	2000	3	300	16	38	150	



### Key

- High Performance Flexible Synthetic Polymer featuring FLEXsafe Technology**  
Offers superior protection that absorbs impact and requires minimum maintenance.
- Rod**  
Robust steel rod anchoring system designed for fast installation, minimum maintenance and to absorb impacts without causing concrete damage.
- PVC Sleeve**  
PVC sleeve for easy rod replacement.
- Anchoring System**  
Guarantees durability of fixing, maximum resistance and easy rod replacement.



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# Kingspan 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.

All of the SafeDefence Barrier Protection Systems are manufactured from a high performance synthetic polymer to provide maximum impact resistance and, as they are self-coloured as opposed to painted, they offer superior resistance to UV rays.

## Testing

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

## Materials

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.



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## Discover our other SafeDefence Barrier Protection Systems

	KPSPost-S Post Protection	KPSPost-H Post Protection	KPSBarrier-S Crash Barrier	KPSDouble Barrier-S Crash Barrier	KPSGate Safety Gate	KPSBarrier Rail-S Protection Rail	KPSBarrier Rail-H Crash Barrier	KSPedestrian Barrier-H Protection Rail	KPSGoalpost-H Door Perimeter Protection
KPSBarrier-H – Crash Barrier									



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