

# WIREANKA

UK Patent Number 2330169B

Anchor devices for use as supports for Class 'C' horizontal, flexible safety lines.

WIREANKA is the FIRST deadweight anchor device to be approved for use with such systems.

Suitable for use in both Fall Arrest and Restraint Situations



Warning: WIREANKA has been specially designed, developed and tested for use with safety lines. WEIGHTANKA or any other deadweight anchor device **MUST NOT BE USED** in conjunction with horizontal safety lines unless the manufacturer specifically confirms that it has been tested in conjunction with such systems to verify its safe performance under fall arrest situations.



CE approved to  
the PPE Directive  
and ISO 14567



Available from:

**Wireanka** is a system of deadweight anchor devices designed to support class 'C' horizontal, flexible safety lines to EN 795. It is intended for use on (nominally) flat roofs, in temporary situations, or where it is preferable that penetration of the roof surface (to install intermediate and/or extremity anchors of the traditional type) be avoided.

### PERMITTED NUMBER OF USERS

For fall arrest purposes no more than one user may be attached to the system at any one time (or one 'fall arrest' user plus one 'restraint' user, providing that they do not work within the same span). For restraint only, up to three users may be attached at any one time. For users to be classified as 'restraint', the combination of the **Wireanka** position and the use of fixed length lanyards must ensure that it is not possible for them to approach within 500mm of a roof edge or other opening. **Special configurations (at extra cost) allow for additional users.**

### SPECIAL FEATURES

**Wireanka** is the first deadweight anchor to have been tested and approved for Fall Arrest use with class 'C' systems to EN 795. **Wireanka** may be supplied as part of a LINEANKA installation, but is also frequently used to support other proprietary horizontal lifelines

**Wireanka** may be safely used on the following roof surfaces:

Single Ply Membrane, Asphalt, Steel Cladding, Concrete, Mineral Felt or Stone Chippings (brushed).

All testing has been carried out by the **National Engineering Laboratory** East Kilbride (Notified Body Reference Number 0320). Full copies of their reports are available upon request.

### CONDITIONS OF USE

Condition of roof surface	- Wet or Dry
Mass of Extremity Anchor	- See table below
Mass of Intermediate Anchor	- 250kg (4 rubber weights plus 6 galvanised weights)
except on Embossed Membrane	- 400kg (4 rubber weights plus 12 galvanised weights)
Max. span between <b>Wireanka</b> supports	- Wire Systems - 15M
	- UNILINE - 30M
Max. overall length of system	- 100M (15M on single span wire systems)

### EXTREMITY PEDESTALS

The 'mass' of the extremity **Wireanka** assembly will depend on the type of roof surface on which the system is erected.

Type of Roof Surface	Quantity of Rubber Weights	Quantity of Galvanised Weights
Asphalt, Concrete, Mineral Felt or Stone Chipping	4	8
Total Mass = 300kg		
Steel Clad Roof	4	10
Total Mass = 350kg		
Flat, Smooth Single Ply Membrane	4	12
Total Mass = 400kg		
Embossed Single Ply Membrane	4	16
Total Mass = 500kg		

**Note: 500kg Extremity Anchors will produce point loadings in excess of the usual 100kg limit. The advice of a structural engineer should be sought.**

### TABLE OF MINIMUM EDGE DISTANCE AND MINIMUM FREE FALL DISTANCE RELATIVE TO SPAN

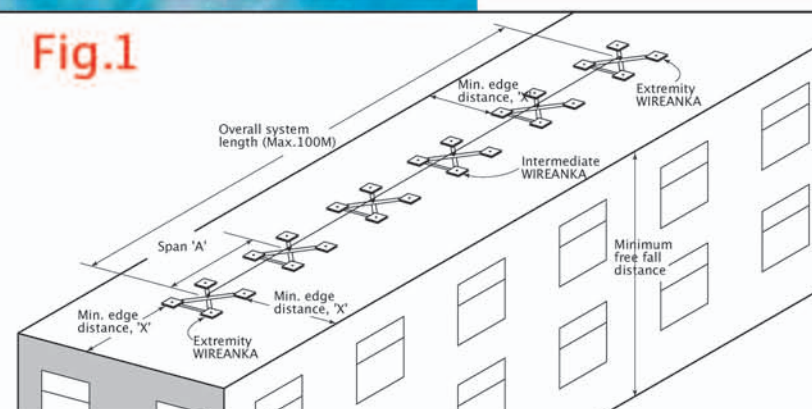
#### "FALL ARREST" SYSTEMS

	ALL SYSTEMS						UNILINE ONLY	
	5M	6M	8M	10M	12M	15M	20	30M
Maximum Span	5M	6M	8M	10M	12M	15M	20	30M
Minimum Free Fall Distance	5.2M	5.4M	5.8M	6.2M	6.6M	7.2M	8.7	10M
Minimum Edge Distance	2.5M	2.5M	3.0M	3.0M	4.0M	4.0M	4.0	5.0M

#### "RESTRAINT ONLY" SYSTEMS (see above)

	ALL SYSTEMS					UNILINE ONLY		
	5M	6M	8M	10M	12M	15M	20M	30M
Maximum Span	5M	6M	8M	10M	12M	15M	20M	30M
Minimum Edge Distance	2.5M	2.5M	2.5M	2.5M	<b>Consult our technical department</b>			

**Fig.1**



### PLEASE NOTE:

**STANDARD 'WEIGHTANKA' UNITS ARE NOT SUITABLE FOR USE WITH HORIZONTAL SAFETY LINES**