

# Residential Fall Protection Anchor Specifications

Fall protection anchors mfg. by Super Anchor Safety, require a written job specific plan (JSP) and must be installed under the supervision of a qualified or competent person.\*

## Fall Protection System

Anchors specified for **Fall Arrest**, may be used for **Fall Restraint** provided they are installed and used as specified in SAS manuals.

**Work Positioning** use requires to be bolt attached.

### ▲ Permanent Anchors

Anchors intended to provide fall protection for service and maintenance personnel. Installed in a way that will prevent water penetration. Permanent anchors can also be used for temporary fall protection and would be removed after use.

### ▲ Horizontal Lifeline Systems

Requires use of SAS HLL rigging equipment.

### ▲ Temporary Anchors

Removed after use. Not designed for waterproofing.

### Installation

Consult SAS instruction manual for fastener and degree of slope specifications.

## Specifications

Use For	Anchor		Attachment Method		
	Part No.	Model	Bolts	Screws	Nails
▲ ▲	1004/A	Vertical Wall	4	Ø	Ø
▲ ▲ ▲	1029	D-ShakL2	2	2	Ø
▲ ▲	1075	D-Minus	Ø	6	6
▲	1097	Parapet Wall	Clamp+ Detent Pin		
▲ ▲	1305-19	Cross-Brace	Ø	36	Ø
▲	2796	Apex	Ø	8	8
▲	2813	RS-10	Ø	6	6
▲	2815/S	Retro-Fit	Ø	8	8
▲	2815-T	Tile-Retro	Ø	16	16
▲	2816	RS-20	Ø	8	8
▲	2816-W	RS-20W Wall	Ø	10	Ø
▲	2100	Flex	Ø	6	12
▲ ▲	3013-D	Hinge-2	Ø	10	12
▲	1003-D	I-Joist	1	Ø	Ø
▲ ▲	1028	Swivel-D	1	Ø	Ø
▲	2811	Z-Purlin	1	Ø	Ø
▲	2833	Truss-Bar	2	or Detent Pins	
▲ ▲	2835	WS TrussBar	Ø	10	Ø
▲	1012	All Safety Bars	Detent Pins		
▲	ARS	All models	1	Ø	Ø
▲	1014	ARS Temporary	Detent Pin		
▲	1019	Form-It	Ø	10	10
▲	1008	ARS-5K	Ø	10	10
▲	1062	Evac all models	1	Ø	Ø

Note: Anchors listed above are not rated for window washing.

\*See OSHA definition.

## SAS edited versions of OSHA definitions.

Consult OSHA website for full details.

## Fall Arrest Definition

### OSHA 1910.140

(d)(1)(i): Limit max. arresting force to 1,800lb.

(d)(1)(iii): Sufficient strength to withstand 2x the potential impact energy in a 6ft free fall, or the distance permitted by the system.

(d)(1)(v): 310lb max. user wt. including tools.

(d)(2)(ii): System must be rigged to limit a free fall of no more than 6ft.

## Fall Restraint Definition

### OSHA 1926.751

A means of fall protection that prevents the user from falling any distance.

## Work Positioning Definition

### OSHA 1910.140(b)

A fall protection system used with a full body harness or body belt that allows a worker to be supported on an elevated vertical surface, such as a wall or window sill, and work with both hands free.

**1926.502(e)(1).** A fall protection system shall be rigged to prevent a worker from falling no more than 2ft.

**1926.502(e)(2).** secured to an anchorage capable of supporting at least twice the potential impact load of a workers fall or 3,000lb, whichever is greater.

## Qualified Person Definition

### OSHA 1910.140 (29 CFR 1926.32(m))

“one who by possession of a recognized degree, certificate, or professional standing, or who by extensive knowledge, training and experience, has successfully demonstrated the ability to solve problems relating to the subject matter, work or project”.

## Competent Person Definition

### OSHA 1910.140

“one who is capable of identifying existing and predictable hazards in any personal fall protection system or any component of it, as well as in their application and uses with related equipment, and who has authorization to take prompt corrective action to eliminate the identified hazards”.