SUPER ANCHOR SAFETY®

Fig. 5 Ridge Fall Arrest Areas Outside 30° Angle are Fall Restraint Vertical Center

30° Max. Angle off Vertical Center

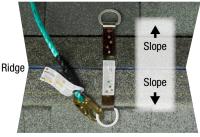
Direction of Fall Protection Load

Fall Arrest: Do not exceed a 30° angle from the anchors vertical center. See Fig.5.
Do not use on slopes greater than 12/12.
Fall Restraint: No exposure to a free fall. perimeter edge or other fall hazard. See Fig.7,13.

Reverse and Side Load Warning!

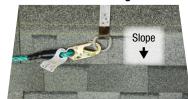
Shown at Figs. 6, and 10b, fasteners may unzip, (pull out) when subjected to a free fall resulting in serious injury or death. Do not side load anchors when exposed to a fall hazard, static loading, or slopes over 12/12.

Fig.6 Reverse Loading



WARNING! DO NOT USE FOR FALL ARREST OR FALL RESTRAINT.

Fig.7 Side Loading



Multiple anchors correctly spaced are required to avoid side loading when exposed to a free fall hazard.

Fig.8 Non-Specified Use



Do not attach 2 persons to a Retro-Fit anchor.

Fig.9 D-ring Exposure



Align top of leg as shown.

Service Load

PPE attachment to the D-ring must be downslope from vertical center. See Fig.5.





WARNING! DO NOT USE ANCHOR IN THIS POSITION Load is applied in the opposite direction of the slope.

Anchor Location/Spacing

Install anchors at the ridge or in the field a min. of 6ft from gable edges or free fall hazards. See Fig.13. Space anchors a max. of 8ft o.c. or as specified in a job specific plan, (JSP) by a competent person.* Contact SAS plan service for an anchor location plan. Do not install anchors over hips or the underside or side of a top chord.

Vertical Wall

Use only No.2816 RS-20 with Bugle Head screws. Attach anchor to a fully sheathed wall that is braced to support the fall protection load. See Fig.3 and 13. Do not use nails for vertical wall anchor attachment.

Permanent Installation over Roofing Membrane

Use SAS supplied butyl strips or caulking between the anchor leg underside and the roofing material. See Figs.3 and 9. Caulk fastener heads and leg sides for slopes less than 4/12, or in high wind areas.

Re-Roofing

Table 1 fasteners are specified for a single layer of asphalt roofing material. The min.fastener depth into a top chord is 2". See Fig.4. Contact SAS for longer length fasteners when installing over more than one layer of asphalt roofing.

Tile Roofing Specification

Use No.2816 RS-20 and install one anchor on each side of the ridge or in the field. Conform the anchor leg to the tile profile. See Fig.11. Position the D-ring exposure before installing the anchor. See Fig.12. A min. of 5 fasteners are required starting at the top of the leg.

D-ring Position: High profile tile caps (barrel) and pans may not align with the top chord as shown at Fig.11.



Short rafter lengths will require closer spacing between anchors and require engineering by a competent person.*

Fig.11 Fig.12



Conform anchor leg to the tile profile.



D-ring Exposure

Overlapping Tiles: It may be necessary to remove material from the tiles underside for proper fit over the anchors leg. Caulk the overlap if necessary to prevent wind driven particles and water penetration.