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LISTING INFORMATION
January 20, 2010

ASC Steel Deck, 2110 Enterprise Blvd, West Sacramento CA 95691

Trade Name:	N-32, DGN-32, N-32 Acustadek™, DGN-32 Acustadek™
Max Spans:	206 in. (5232 mm) for 16 ga. (0.0598 in. [1.5 mm])
	182 in. (4622 mm) for 18 ga. (0.0478 in. [1.2 mm])
	154 in. (3912 mm) for 20 ga. (0.0359 in. [1.0 mm])
	139 in. (3531 mm) for 22 ga. (0.0299 in. [0.8 mm])

Trade Name:	NF-32 Cellular, DGNF-32 Cellular, NF-32 Cellular Acustadek™, DGNF-32 Cellular Acustadek™
Max Spans:	154 in. (3912 mm) for 20/20 ga. (0.0359/0.0359 in. [0.9/0.9 mm])
	154 in. (3912 mm) for 20/18 ga. (0.0359/0.0478 in. [0.9/1.2 mm])
	154 in. (3912 mm) for 20/16 ga. (0.0359/0.0598 in. [0.9/1.5 mm])
	182 in. (4622 mm) for 18/20 ga. (0.0478/0.0359 in. [1.2/0.9 mm])
	182 in. (4622 mm) for 18/18 ga. (0.0478/0.0478 in. [1.2/1.2 mm])
	182 in. (4622 mm) for 18/16 ga. (0.0478/0.0598 in. [1.2/1.5 mm])
	206 in. (5232 mm) for 16/20 ga. (0.0598/0.0359 in. [1.5/0.9 mm])
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Deck is secured to the structural supports spaced at the maximum center to center spans shown above. During construction with N-32 Acustadek™, DGN-32 Acustadek™, 1.625 in. (41 mm) wide by 3 in. (76 mm) high by 0.85 lb/ft³ (13.6 kg/m³) rigid fiberglass batt insulation is placed in the deck ribs. When an asphaltic roof cover is used with N-32 Acustadek™ or DGN-32 Acustadek™, minimum 0.5 in. (13 mm) thick Dens Deck as a thermal barrier is required directly on the deck. Minimum 1.5 in. (38 mm) thick polyisocyanurate insulation boards are placed over the deck or thermal barrier when present, with insulation board edges bearing along the centerline of the deck top flange. The insulation is fastened and roof covering applied per proprietary listings. Refer to the use of steel roof decks throughout listings for details. This deck has an 8 in. (203 mm) rib module. FM Approved above deck systems are generally

targeted to be used with 6 in. (152 mm) rib modules. Therefore, when utilizing an FM Approved above deck system with a mechanically fastened cover, select one with a cover fastener spacing greater than the 8 in. (203 mm) and reduce this fastener spacing to coincide with placement of the fastener into the deck top flanges (e.g., FM Approved 12 in. (305 mm) spacing is reduced to 8 in. (203 mm) spacing; FM Approved 18 in. (457 mm) spacing is reduced to 16 in. (406 mm) spacing). Meets maximum Class 1-90 per securement of the deck and securement of the above deck components.

Deck to Deck Securement: Side laps of adjacent sheets shall be securely fastened together at a spacing not to exceed 36 in. (915 mm). N-32 and N-32 Acustadek™ are secured using a button punch. DGN-32 and DGN-32 Acustadek™ are secured using Delta Grip System.

Deck to Structure Securement: Securement spacing shall not exceed an average of 8 in. (205 mm) o.c. and shall include all side laps at supports.

- A) SDK61075 and SDK63075 fasteners are for use with a maximum span of 177 in. (4495 mm) and for maximum 16 ga. [0.0598 in. (1.5 mm) thick] deck. Meets Class 1-90.
- B) K64062 and K66062 fasteners are for use with a maximum span of 177 in. (4495 mm) and for maximum 18 ga. [0.0478 in. (1.2 mm) thick] deck. Meets Class 1-90.
- C) Tek 4, Tek 5, ICH Traxx/4, ICH Traxx/5, X-EDN19 THQ12, X-EDNK22 THQ12, X-ENP-19 L15 fasteners are for use with a maximum span of 206 in. (5232 mm) and for maximum 18 ga. [0.0478 in. (1.2 mm) thick] deck. Meets Class 1-90.
- D) Minimum 1/2 in. (13 mm) diameter puddle weld is for use with a maximum span of 101 in. (2565 mm) and for maximum 16 ga. [0.0598 in. (1.5 mm) thick] deck. Meets Class 1-60.
- E) Minimum 5/8 in. (16 mm) diameter puddle weld is for use with a maximum span of 101 in. (2565 mm) and for maximum 16 ga. [0.0598 in. (1.5 mm) thick] deck. Meets Class 1-90.
- F) Minimum 3/4 in. (19 mm) diameter puddle weld is for use with a maximum span of 206 in. (5232 mm) and for maximum 16 ga. [0.0598 in. (1.5 mm) thick] deck. Meets Class 1-90.

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