

LISTING INFORMATION FROM J.I. 3026028

In Chapter 3

Cap Ply: Sopralene FLAM 180 FR GR, Sopralene FLAM 180 GR, Sopralene FLAM 250 GR and Sopralene FLAM 250 FR GR torch adhered with minimum 3 in. (75 mm) wide laps.

Base Ply: Sopralene FLAM 180, Sopralene FLAM 250 torch adhered with minimum 3 in. (75 mm) wide laps.

Base Sheet: Soprafix [X] torch adhered with minimum 6 in. (150 mm) wide laps, then fastened as described below.

Application: Torch adhered

Hail: Class 1-SH

ASTM E108: Class A at 1 in 12 slope: Sopralene FLAM 180 GR, Sopralene FLAM 250 GR, Sopralene FLAM 180 FR GR, Sopralene FLAM 250 FR GR.
Class A at 3 in 12 slope: `R' Nova Roof Coating applied at a rate 2 gal/sq (0.82 l/m²) over Sopralene FLAM 180 GR, Sopralene FLAM 250 GR.
Class A at 4 in 12 slope `R' Nova Roof Coating applied at a rate 2 gal/sq (0.82 l/m²) over Sopralene FLAM 180 FR GR, Sopralene FLAM 250 FR GR.

Construction #1: Steel Deck. Minimum 22 ga. (0.0295 in. [0.7493 mm] thick), 1.5 in. (38 mm) deep, BW rib roof deck meeting requirements of ASTM Designation A653/A653-01a SS Grade 33 or ASTM Designation A1008/A1008M-01a SS Grade 33 is placed over minimum 0.25 in. (6 mm) thick structural supports spaced at maximum 6 ft (1.8 m) o.c. Deck is secured with two ICH Traxx/5 screws and 0.75 in. (19 mm) diameter washers at each corrugation [6 in. (150 mm) o.c.] and with side laps secured with ICH Traxx/1 screws spaced maximum 13 in. (330 mm) o.c. Insulation: 48 x 96 in. (1220 x 2440 mm) by minimum 1.5 in. (38 mm) thick M-Shield, ACFoam-II, H-Shield, ENRGY 3, Iso 95+ GL, Multi-Max 3 or Hy-Therm AP Roof Insulation loose laid. Insulation: 48 x 96 in. (1220 x 2440 mm) by minimum 0.5 in. (13 mm) thick Dens Deck loose laid in a staggered pattern. Cover Board: 48 x 96 in. (1220 x 2440 mm) by 0.25 in. (6.4 mm) thick Sopraboard laid in a staggered pattern (also staggered from Dens Deck layer below) and secured with Soprema 3" Insulation Plates and Soprema #14 Fastener or Soprema #15 Fastener at a maximum contributory area of 1 per 4 ft² (0.37 m²).

Construction #1a: Base Sheet: Soprafix [X] torch adhered with minimum 6 in. (150 mm) wide laps, then fastened with Soprafix 2-3/8" SB Stress Plates and Soprema #15 Fasteners in rows spaced maximum 18 in. (457 mm) apart with fasteners maximum 6 in. (150 mm) o.c. within the rows. Base Ply: Sopralene FLAM 180, Sopralene FLAM 250 torch adhered with minimum 3 in. (75 mm) wide laps. Cap Ply: Sopralene FLAM 180 FR GR, Sopralene FLAM 180 GR, Sopralene FLAM 250 GR and Sopralene FLAM 250 FR GR torch adhered with minimum 3 in. (75 mm) wide laps. Meets Class 1-315.

Construction #1b: Base Sheet: Soprafix [X] torch adhered with minimum 6 in. (150 mm) wide laps, then fastened with Soprafix 2-3/8" SB Stress Plates and Soprema #15 Fasteners in rows spaced maximum 18 in. (457 mm) apart with fasteners maximum 12 in. (305 mm) o.c. within the rows. Base Ply: Sopralene FLAM 180, Sopralene FLAM 250 torch adhered with minimum 3 in. (75 mm) wide laps. Cap Ply: Sopralene FLAM 180 FR GR, Sopralene FLAM 180 GR, Sopralene FLAM 250 GR and Sopralene FLAM 250 FR GR torch adhered with minimum 3 in. (75 mm) wide laps. Meets Class 1-120.

Construction #2: Steel Deck. Minimum 22 ga. (0.0295 in. [0.7493 mm] thick), 1.5 in. (38 mm) deep, BW rib roof deck meeting requirements of ASTM Designation A653/A653-01a SS Grade 33 or ASTM Designation A1008/A1008M-01a SS Grade 33 is placed over minimum 0.25 in. (6 mm) thick structural supports spaced at maximum 6 ft (1.8 m) o.c. Deck is secured with two ICH Traxx/5 screws and 0.75 in. (19 mm) diameter washers at each corrugation [6 in. (150 mm) o.c.] and with side laps secured with ICH Traxx/1 screws spaced maximum 13 in. (330 mm) o.c. Insulation: 48 x 96 in. (1220 x 2440 mm) by minimum 1.5 in. (38 mm) thick M-Shield, ACFoam-II, H-Shield, ENRGY 3, Iso 95+ GL, Multi-Max 3, and Hy-Therm AP Roof Insulation loose laid. Insulation: 48 x 96 in. (1220 x 2440 mm) by minimum 0.5 in. (13 mm) thick Dens Deck loose laid in a non-staggered pattern. Cover Board: 48 x 96 in. (1220 x 2440 mm) by 0.25 in. (6.4 mm) thick Sopraboard laid in a non-staggered pattern (staggered from Dens Deck layer below) and secured with Soprema 3" Insulation Plates and Soprema #14 Fastener or Soprema #15 Fastener at a maximum contributory area of 1 per 4 ft² (0.37 m²). Base Sheet: Soprafix [X] torch adhered with minimum 6 in. (150 mm) wide laps, then fastened with Soprafix 2-3/8" SB Stress Plates and Soprema #15 Fasteners in rows spaced maximum 12 in. (305 mm) apart with fasteners maximum 12 in. (305 mm) o.c. within the rows. Base Ply: Sopralene FLAM 180, Sopralene FLAM 250 torch adhered with minimum 3 in. (75 mm) wide laps. Cap Ply: Sopralene FLAM 180 FR GR, Sopralene FLAM 180 GR, Sopralene FLAM 250 GR and Sopralene FLAM 250 FR GR torch adhered with minimum 3 in. (75 mm) wide laps. Meets Class 1-315.