



## TGFU.R15945 Roofing Systems

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### Roofing Systems

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#### WEATHERWELD, DIV OF LIQUIFORM TECHNOLOGIES INC

R15945

SUITE 803

9757 7TH ST

RANCHO CUCAMONGA, CA 91730 USA

#### COMBINATION HOT AND COLD SYSTEMS

##### Class A

1. **Deck:** C-15/32

**Incline:** 1

**Insulation:** — (Optional) Min one layer any UL Classified polyisocyanurate insulation, mechanically fastened or hot mopped in place; in combination (optional) with 1/2 in. "Retrofit" cover board; or 3/4 in. "Fesco" over polystyrene.

**Base Sheet:** — Type G2, nailed or hot mopped.

**Ply Sheet:** — Two or more plies Type G1, hot mopped.

**Surfacing:** — "WeatherWeld asphalt emulsion" at 9 gal/sq applied simultaneously with 3 lb/sq of chopped glass fiber roving. When dry, one coat "WeatherWeld Aluminum Surfacing", 1 gal/sq.

#### MAINTENANCE AND REPAIR SYSTEMS

##### Class A, B or C

1. **Deck:** C-15/32

**Incline:** 1

**Existing Roof System:** — Class A, B or C insulated or uninsulated smooth surfaced or gravel surfaced (gravel to be maintained) or modified bitumen to retain existing Classification.

**Ply Sheet (Optional):** — One or more plies polyester fabric, 2-3/4 oz to 3 sq yd.

**Coating:** — "WeatherWeld Asphalt Emulsion" at 9 gal/sq, sprayed simultaneously with chopped glass fiber roving at 3 lbs/sq.

**Surfacing:** — "WeatherWeld Aluminum Surfacing" at 1 gal/sq.

2. **Deck:** C-15/32

**Incline:** 3

**Existing Roof System:** — Class A, B or C insulated or uninsulated smooth surfaced or gravel surfaced (gravel to be maintained) or modified bitumen to retain existing classification.

**Ply Sheet (Optional):** — One or more plies polyester fabric, 2-3/4 oz to 3 sq yd, embedded in 3 gal/sq of "WeatherWeld Asphalt Emulsion" for each ply.

**Coating:** — "WeatherWeld Asphalt Emulsion" at 9 gal/sq, sprayed simultaneously with chopped glass fiber roving at 3 lbs/sq.

3. **Deck:** C-15/32

**Incline:** 1

**Existing Roof System:** — Existing roof system Class A, B and C insulated or uninsulated smooth surfaced or gravel BUR or Type G3 mineral cap sheet system to retain existing rating covered with:

**Ply Sheet:** — One or more layers of polyester fabric (not weighing more than 3.0 oz/ft<sup>2</sup>) set in 4-6 gal/sq. of "WeatherWeld Emulsion".

**Coating:** — Two or more coats of "WeatherWeld SP Reflective Coating" applied at the rate of 2 to 3 gal/sq/total.

##### Class A

1. **Deck:** NC

**Incline:** 3

**Existing Roof System:** — Class A, B or C insulated or uninsulated, smooth surfaced or gravel surfaced (loose gravel may be removed) or modified bitumen.

**Ply Sheet (Optional):** — One or more plies polyester fabric, 2-3/4 to 3 oz per sq yd, embedded in 3 gal/sq of "WeatherWeld Asphalt Emulsion" for each ply.

**Coating:** — "WeatherWeld Asphalt Emulsion" at 9 gal/sq sprayed simultaneously with chopped glass fiber roving at 3 lbs/sq.

**Surfacing:** — "WeatherWeld Aluminum Surfacing" at 1 gal/sq.

2. **Deck:** NC

**Incline:** 3

**Existing Roof System:** — Class A, B or C insulated or uninsulated, smooth surfaced or gravel surfaced (loose gravel to be removed) or modified bitumen.

**Ply Sheet (Optional):** — One or more plies polyester fabric, 2-3/4 to 3 oz per sq yd, embedded in 3 gal/sq of "WeatherWeld Asphalt Emulsion" for each ply.

**Coating:** — "WeatherWeld Asphalt Emulsion" at 9 gal/sq sprayed simultaneously with chopped glass fiber roving at 3 lbs/sq.

3. **Deck:** C-15/32

**Incline:** 1/2

**Existing Roof System:** — Class A, B or C (gravel may be removed) covered with:

**Ply Sheet:** — One layer of polyester fabric (not weighing more than 3.0 oz/ft<sup>2</sup>) set in 4-6 gal/sq. of "WeatherWeld Emulsion".

**Protective Coating:** — One or more coats of "WeatherWeld Emulsion" applied at the rate of 22 gal/sq/coat with 11 lbs/sq/coat chopped glass fiber. Emulsion and glass fiber are simultaneously sprayed from a special gun.

**Surfacing:** — Two or more coats of "WeatherWeld IMB" applied at 2 to 3 gal/sq/total.

#### COLD APPLICATION SYSTEMS

Base sheets are mechanically fastened to combustible decks.

1. **Deck:** C-15/32

**Incline:** 1

**Vapor Retarder (Optional):** — Type G2 glass base or UL Classified vapor retarder.

**Insulation (Optional):** — One or more layers or combination of the following: Johns Manville "UltraGard", polyisocyanurate, perlite, glass fiber or wood fiber.

**Base Sheet:** — One layer Type G2 or G3 inverted.

**Ply Sheet:** — Three layers Type G1 or G2 base sheet.

**Protective Coating:** — Min 3 gal/sq "WeatherWeld Emulsion", 9 gal/sq with 3 lbs chopped glass fiber. Emulsion and glass fiber are simultaneously sprayed from a special gun.

**Surfacing:** — "WeatherWeld SP Reflective Coating", 1-1/2 gal/sq.

2. **Deck:** NC

**Incline:** 3

**Coating:** — Two coats "WeatherWeld SP Reflective Coating", 1-1/3 gal/sq/coat.

3. **Deck:** C-15/32

**Incline:** 1

**Insulation (Optional):** — Perlite, wood fiber, glass fiber or polyisocyanurate, any thickness.

**Base Sheet:** — UL Classified Type G3 Cap Sheet (inverted), mechanically fastened.

**Protective Coating:** — Two or more coats of "WeatherWeld Emulsion" applied at the rate of 15 gal/sq/coat with 8 lbs/sq/coat chopped glass fiber. Emulsion and glass fiber are simultaneously sprayed from a special gun.

**Surfacing:** — Two or more coats of "WeatherWeld IMB" applied at 2 to 3 gal/sq/total.

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