

TGAM.R19211 - Roof-covering Materials, Impact Resistance

Roof-covering Materials, Impact Resistance

[See General Information for Roof-covering Materials, Impact Resistance](#)

PRIME BUILDING COMPONENTS L L C

R19211

19320 S U S HWY 377

DUBLIN, TX 76446 USA

Class 4 formed steel panels, Model(s) 6V Panel, Prime Clip Lock or Prime Strip Lock, R Panel or PBR Panel, U Panel or PBU Panel

Last Updated on 2020-04-20

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TGFU.R19211 - Roofing Systems

Note: We are enhancing our systems and you may notice duplicate entries/missing/outdated data. During this interim period, please contact our Customer Service at <https://www.ul.com/about/locations>.

Roofing Systems

See General Information for Roofing Systems

PRIME BUILDING COMPONENTS L L C

R19211

19320 S U S HWY 377

DUBLIN, TX 76446 USA

Coated steel roofing panels (surfacing) identified as "R Panel", "PBR Panel", "6V Panel", "U Panel", "PBU Panel", "Prime Clip Lock", and "Prime Strip Lock".

OTHER SYSTEMS

Class A

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

Incline: Unlimited

Impact: Class 4

Barrier Board: — 1/4 in. min. Georgia-Pacific Gypsum "DensDeck®" with all joints staggered a min of 6 in. from the plywood joints.

Ply Sheet (Optional): — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".

Surfacing: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

2. **Deck:** NC

Incline: Unlimited

Impact: Class 4

Barrier Board: — 1/4 in. min. Georgia-Pacific Gypsum "DensDeck®".

Ply Sheet (Optional): — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".

Surfacing: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

3. **Deck:** NC

Incline: Unlimited

Impact: Class 4

Barrier Board: — 7/16 OSB or 5/8 in. plywood over polyisocyanurate insulation board or polyisocyanurate composite board, any thickness.

Ply Sheet (Optional): — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".

Surfacing: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

4. **Deck:** NC

Incline: Unlimited

Impact: Class 4

Insulation: — Polyisocyanurate, glass fiber, perlite or wood fiber, any thickness.

Ply Sheet (Optional): — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".

Surfacing: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

5. **Deck:** C-15/32 **Incline:** Unlimited **Impact:** Class 4
Barrier Board: — 1/4 in. min. Georgia-Pacific Gypsum "DensDeck®" with all joints staggered a min of 6 in. from the plywood joints.
Ply Sheet (Optional): — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".
Surfacing: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

6. **Deck:** C-15/32 or spaced sheathing **Incline:** Unlimited **Impact:** Class 4
Underlayment: — One layer "VersaShield Underlayment", mechanically fastened.
Ply Sheet (Optional): — One layer Type 30 base sheet or "VersaShield", mechanically fastened.
Panels: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

7. **Deck:** C-15/32 or spaced sheathing **Incline:** Unlimited **Impact:** Class 4
Underlayment: — One layer "VersaShield Underlayment", mechanically fastened.
Panels: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

OTHER SYSTEMS

Class C

1. **Deck:** C-15/32 **Incline:** Unlimited **Impact:** 4
Surfacing: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

2. **Deck:** C-15/32 **Incline:** Unlimited **Impact:** Class 4
Ply Sheet: — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".
Surfacing: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

Last Updated on 2020-04-20

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OTHER SYSTEMS

Class A

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

Incline: Unlimited

Impact: Class 4

Barrier Board: — 1/4 in. min. Georgia-Pacific Gypsum "DensDeck®" with all joints staggered a min of 6 in. from the plywood joints.

Ply Sheet (Optional): — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".

Surfacing: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

2. **Deck:** NC

Incline: Unlimited

Impact: Class 4

Barrier Board: — 1/4 in. min. Georgia-Pacific Gypsum "DensDeck®".

Ply Sheet (Optional): — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".

Surfacing: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

3. **Deck:** NC

Incline: Unlimited

Impact: Class 4

Barrier Board: — 7/16 OSB or 5/8 in. plywood over polyisocyanurate insulation board or polyisocyanurate composite board, any thickness.

Ply Sheet (Optional): — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".

Surfacing: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

4. **Deck:** NC

Incline: Unlimited

Impact: Class 4

Insulation: — Polyisocyanurate, glass fiber, perlite or wood fiber, any thickness.

Ply Sheet (Optional): — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".

Surfacing: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

5. **Deck:** C-15/32 **Incline:** Unlimited **Impact:** Class 4
Barrier Board: — 1/4 in. min. Georgia-Pacific Gypsum "DensDeck®" with all joints staggered a min of 6 in. from the plywood joints.
Ply Sheet (Optional): — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".
Surfacing: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

6. **Deck:** C-15/32 or spaced **Incline:** Unlimited **Impact:** Class 4
sheathing
Underlayment: — One layer "VersaShield Underlayment", mechanically fastened.
Ply Sheet (Optional): — One layer Type 30 base sheet or "VersaShield", mechanically fastened.
Panels: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

7. **Deck:** C-15/32 or spaced **Incline:** Unlimited **Impact:** Class 4
sheathing
Underlayment: — One layer "VersaShield Underlayment", mechanically fastened.
Panels: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

OTHER SYSTEMS

Class C

1. **Deck:** C-15/32 **Incline:** Unlimited **Impact:** 4
Surfacing: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

2. **Deck:** C-15/32 **Incline:** Unlimited **Impact:** Class 4
Ply Sheet: — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".
Surfacing: — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

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