

Quality Roofing Products Since 1985

U.S. Ply, Inc. (formerly U.S. Single Ply) specializes in the manufacture of polymer modified bitumen membrane and has been producing modified bitumen membranes since 1985 through its manufacturing plant located in Fort Worth, Texas. U.S. Ply, Inc. began as U.S. Single Ply, Inc. and became one of the largest private label manufacturers of modified bitumen roofing materials and is one of the oldest modified bitumen manufacturers still producing today.

U.S. Ply membranes begin with prime grades of asphalt which are then modified with thermoplastic or elastomeric polymers. The result is a modified bitumen compound that demonstrates revolutionary waterproofing characteristics, extreme heat resistance and flexibility in low temperatures.

U.S. Ply, Inc. manufactures and markets a full line of commercial roofing products -- we have the knowledge and the expertise that our industry demands which we will combine with the necessary commitment and leadership as we move forward with offering quality products, innovative solutions and overwhelming service to the building owner, contractor, and the specifier. U.S. Ply is the company for your roofing needs.

Roofing Product Guide

DURAWELD™ APP PREMIUM Application: Torch Welding

Product	Thickness	Reinforcement	Function	Nominal Size	Typical Weight
DuraWeld™ 4S APP	4.0 mm	Polyester	Base/Interply/Cap	1 Square	88 lb, 40 kg
DuraWeld™ 4M APP	4.5 mm	Polyester	Cap	1 Square	105 lb, 48 kg
DuraWeld™ 4M FR APP	4.5 mm	Polyester	Cap	1 Square	105 lb, 48 kg

Standard Granule Colors: white, tan, black. Special Order: brown, brick red - FR product Standard Granule Color is white, others are Special Order.

SAFEWELD™ APP PREMIUM Application: Cold Adhesive/Hot-Air Welding

Product	Thickness	Reinforcement	Function	Nominal Size	Typical Weight
SafeWeld™ APP Base	2.2 mm	Fiberglass	Base/Interply	1 ½ Squares	80 lb, 36.2 kg
SafeWeld™ 180S	4.0 mm	Polyester	Base/Interply/Cap	1 Square	90 lb, 41 kg
SafeWeld™ 180M	4.5 mm	Polyester	Cap	1 Square	105 lb, 48 kg
SafeWeld™ X4S	4.0 mm	Polyester/Fiberglass	Base/Interply/Cap	1 Square	88 lb, 40 kg
SafeWeld™ X4M	4.5 mm	Polyester/Fiberglass	Cap	1 Square	105 lb, 48 kg
SafeWeld™ X4FR	4.5 mm	Polyester/Fiberglass	Cap	1 Square	105 lb, 48 kg

Standard Granule Colors: white, tan, black. Special Order: brown, brick red - FR product Standard Granule Color is white, others are Special Order.

DURAFLEX™ SBS PREMIUM Application: Hot Mopped & Cold Adhesive

Product	Thickness	Reinforcement	Function	Nominal Size	Typical Weight
DuraFlex™ 190S SBS	3.8 mm	Polyester	Base/Interply/Cap	1 Square	88 lb, 40 kg
DuraFlex™ 190 SBS	4.0 mm	Polyester	Cap	1 Square	105 lb, 48 kg
DuraFlex™ 190 FR SBS	4.5 mm	Polyester	Cap	1 Square	105 lb, 48 kg
DuraFlex™ 250 FR SBS	4.5 mm	Polyester (250 g/m ²)	Cap	1 Square	105 lb, 48 kg
DuraFlex™ G4 FR SBS	4.0 mm	Fiberglass	Cap	1 Square	90 lb, 41 kg
DuraFlex™ G4S SBS	3.8 mm	Fiberglass	Base/Interply/Cap	1 Square	90 lb, 41 kg
DuraFlex™ G4M SBS	4.0 mm	Fiberglass	Cap	1 Square	90 lb, 41 kg
DuraFlex™ 30 SBS Base	1.0 mm	Fiberglass	Base/Interply	3 Squares	82 lb, 37.3 kg
DuraFlex™ 60 SBS Base	2.2 mm	Fiberglass	Base/Interply	1 ½ Squares	90 lb, 41 kg
DuraFlex™ SBS PolyBase	2.2 mm	Polyester	Base/Interply	1 ½ Squares	87 lb, 39.5 kg

Standard Granule Colors: white, tan, black. Special Order: brown, brick red - FR product Standard Granule Color is white, others are Special Order.

DURAFLEX™ TG SBS PREMIUM Application: Torch Welding

Product	Thickness	Reinforcement	Function	Nominal Size	Typical Weight
DuraFlex™ 60TG SBS	2.2 mm	Fiberglass	Base/Interply	1 ½ Squares	90 lb, 41 kg
DuraFlex™ 90TG SBS	3.0 mm	Fiberglass	Base/Interply	1 Square	90 lb, 41 kg
DuraFlex™ G4FRTG SBS	3.5 mm	Fiberglass	Cap	1 Square	110 lb, 50 kg
DuraFlex™ ALUM	4.0 mm	Fiberglass	Flashing	1 Square	101 lb, 46 kg

FR product Standard Granule Color is white, others are Special Order. Alum comes in Aluminum finish only.

USP™ BUR Application: Hot Mop

Product	Function	Nominal Size	Typical Weight
USP™ Base Sheet	Base Sheet	3 Squares	82 lb, 37.2 kg
USP™ NVB (Nailable Venting Base)	Venting Base Sheet	1 Square	72 lb, 32.7 kg
USP™ Type 4 Glass Ply Sheet	Interply	5 Squares	45 lb, 20.4 kg
USP™ Type 6 Premium Glass Ply Sheet	Interply	5 Squares	50 lb, 22.7 kg
USP™ Mineral Cap Sheet	Cap	1 Square	75 lb, 34 kg

USP™ APP STANDARD Application: Torch Welding

Product	Thickness	Reinforcement	Function	Nominal Size	Typical Weight
USP™ APP 160S	4.0 mm	Polyester	Base/Interply/Cap	1 Square	84 lb, 38 kg
USP™ APP 160M	4.0 mm	Polyester	Cap	1 Square	102 lb, 46 kg

Standard Granule Colors: white, tan, black.

USP™ SBS STANDARD Application: Hot Mop & Cold Adhesive

Product	Thickness	Reinforcement	Function	Nominal Size	Typical Weight
USP™ SBS 160M	4.0 mm	Polyester	Cap	1 Square	98 lb, 44.5 kg

Standard Granule Colors: white, tan, black.

RapidGRIP™ SBS SELF-ADHERED Application: Self-Adhered

Product	Thickness	Reinforcement	Function	Nominal Size	Typical Weight
RapidGRIP™ SR-200	1.0 mm	Fiberglass	Underlayment, Ice & Water Shield	2 Squares	42 lb, 19 kg
RapidGRIP™ READI-BASE	2.0 mm	Fiberglass	Underlayment, Base/Interply	1 ½ Squares	88 lb, 40 kg

USP™ INSULATION

Product	Description	Nominal Size
USP™ ISO & USP™ Tapered ISO	Closed cell polyiso foam core with laminated glass facer. Also in Tapered Profile	4' x 4', 4' x 8' panels. ⅛", ⅜", ½" and ⅝" tapered profiles. 4' x 4' panels only
USP™ ISO-CA & USP™ Tapered ISO-CA	Closed cell polyiso foam core with a more durable glass facer. Also in Tapered Profile	4' x 4' panels only
USP™ ISO/Perlite Composite	Closed cell polyiso foam core bonded to a ½" perlite board.	4' x 4', 4' x 8' panels
USP™ ISO/GB Composite	Closed cell polyiso foam core bonded to a ¼" glass mat gypsum board.	4' x 4', 4' x 8' panels
USG SECUROCK™	Gypsum Roof Board in ¼", ⅜" and ½" thicknesses	4' x 4', 4' x 8' panels

PLYFAST™ FASTENERS

Product	Description	Function
PLYFAST™ 75 Base Ply Fastener	Galvanized steel fastener with rectangular dual gripping legs, 1.2" long. 2.7" diameter disc plate	Lightweight Concrete & Gypsum Decks
PLYFAST™ 90 Base Ply Fastener	Galvanized steel fastener with rectangular dual gripping legs, 1.7" long. 2.7" diameter disc plate	Lightweight Concrete & Gypsum Decks
PLYFAST™ 260 Base Ply Fastener	Two-legged steel fastener with rectangular dual gripping legs, 1.7" long. Head is 2.4" x 1.2"	Lightweight Concrete Decks
PLYFAST™ Single-Lock Nail	Coated steel 1.7" long self-clinching shank with fine angular point	Wood Fiber Decks
PLYFAST™ DOUBLE-LOCK NAIL	Coated steel 1.7" long dual self-clinching shank with fine angular point	Wood Fiber & Poured Gypsum Decks
PLYFAST™ NT NAIL	Coated steel 1.0" long or 1.5" long fastener with tapered cone and 1.7" diameter cap.	Gypsum Decks

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