



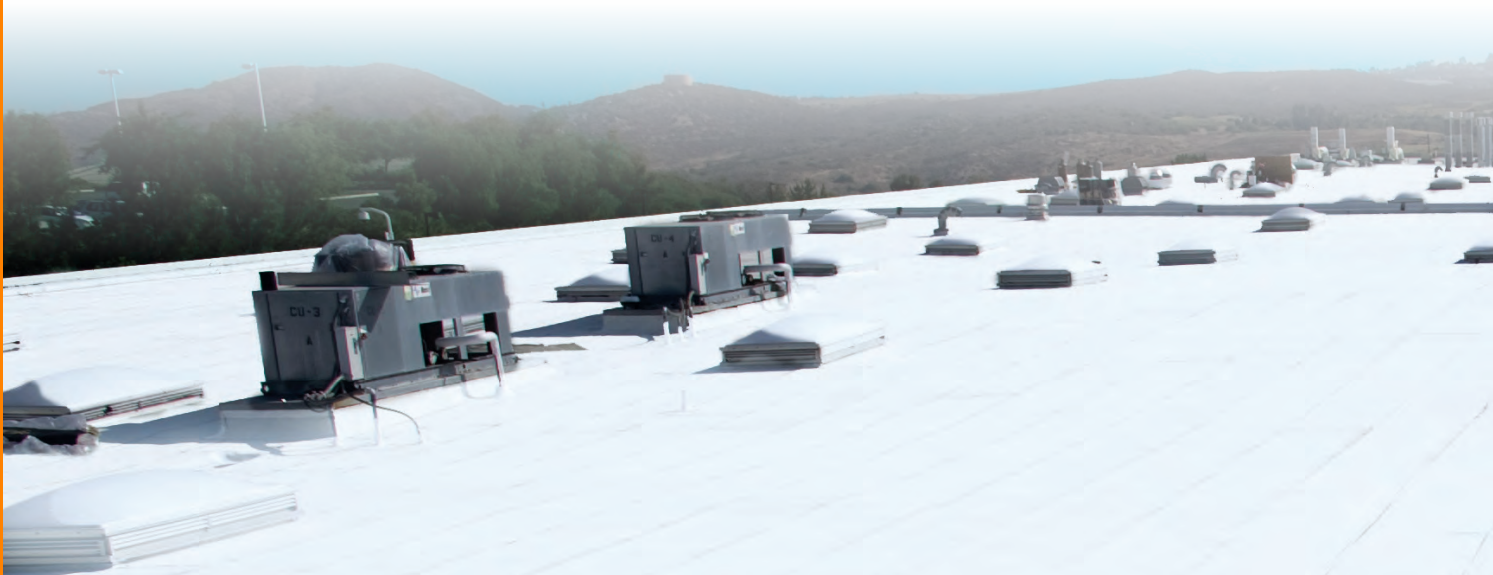
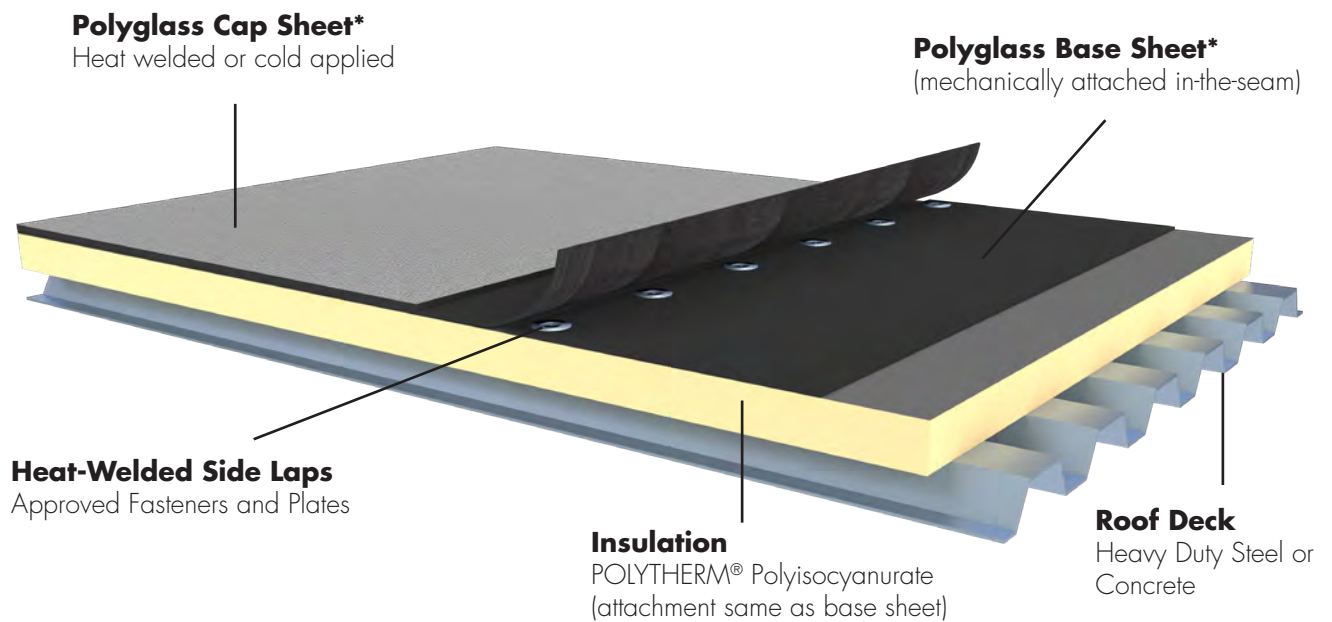
VELOCIFLEX

HIGH WIND RESISTANT ROOF ASSEMBLY

VELOCIFLEX

HIGH WIND RESISTANT ROOF ASSEMBLY

Polyglass' **VELOCIFLEX** roofing system is highlighted by two plies of modified bitumen membranes. The base sheet is "loose-laid" and mechanically attached in the side laps, which allows for fast and efficient installation. Offering multiple installation and assembly options, the **VELOCIFLEX** systems were independently tested providing for high speed wind protection up to 270 psf (pounds per square foot).



*See approved Polyglass cap and base sheets on pages 3 - 5.

The **VELOCIFLEX** Advantage

✓ Meets 'Wind Load' Performance*

Offering multiple base sheet and attachment pattern options, the **VELOCIFLEX** Roofing System can exceed specification requirements (*See chart on next page)



✓ Highly Reflective 'Kool Roof' Options

VELOCIFLEX systems using a Polyfresko G cap sheet – featuring CURE Technology® – Solar Reflective Index 96, can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements and is ENERGY STAR® Certified

✓ Long-Term Performance

The core of the **VELOCIFLEX** system is a redundant, multi-ply, modified bitumen roof system reinforced with high strength polyester. Great for new roofing, re-roofing and recover systems.

✓ Tested & Certified

UL Classified for use in Class A roofs, as listed in the latest UL "Roofing Materials and Systems Directory", and Florida Building Code approved

✓ Watertight System

Acts as a temporary roof once base sheet seams are heat welded

✓ Self Venting System

"Loose-laid" base sheet reduces chances of blistering from substrate to membrane

✓ Economical

Base sheet is fastened in the seam only, reducing material and labor costs



VELOCIFLEX System Wind Ratings

Mechanically Fastened Base Sheets with Heat Welded Cap Sheets

Polyglass Base Sheet	Attachment Pattern*	Wind Uplift Resistance (psf)
Elastoflex S6	12" o.c.	90
Elastoflex S6	6" o.c.	120
Elastoflex S6 HP	18" o.c.	120
Elastoflex S6 HP	12" o.c.	165
Elastoflex S6 HP	6" o.c.	270
Polyflex	12" o.c.	165

*Attached within the 5" wide side lap (torch-sealed or heat-welded). Contact Polyglass Technical Support for approved fasteners and plates for desired wind uplift.

Mechanically Fastened Base Sheets with Cold Applied Cap Sheets**

Elastoflex S6 HP	18" o.c.	120
Elastoflex S6 HP	12" o.c.	165

**Cold Applied Cap Sheets adhered with Polyglass PG 350 adhesive.



Warranty Protection

We stand behind our products with the most reliable warranties. Our warranty programs provide extended protection, assuring the optimum system performance is guaranteed. We continue to safeguard our customers' assets after the installation with our warranty support.



SBS BASE SHEETS

Elastoflex S6

Elastoflex S6 HP

APP BASE SHEET

Polyflex

Polyglass Cap Sheets

Compatible with Velociflex Roofing System

SBS CAP SHEETS

Polyfresko G SBS
 Elastoflex S6 G
 Elastoflex S6 G HP
 Elastoshield TS G

APP CAP SHEETS

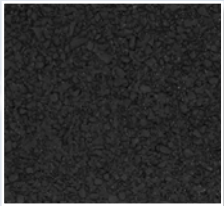
Polyfresko G
 Polyflex G
 Polyflex G HP



Name	ASTM	Reinforcement	Top Surface	Bottom Surface	Nominal Thickness mm (mils)
SBS Cap Sheets					
Polyfresko G SBS	D6164	Polyester	Granules	Film	4.2 (165)
Elastoflex S6 G	D6164	Polyester	Granules	Film/Sand	4.0 (160)
Elastoflex S6 G HP	D6164	Polyester	Granules	Film/Sand	4.0 (160)
Elastoshield TS G	D6164	Polyester	Granules	Film/Sand	4.5 (180)
APP Cap Sheets					
Polyfresko G	D6222	Polyester	Granules	Film	4.2 (165)
Polyflex G	D6222	Polyester	Granules	Film	4.5 (180)
Polyflex G HP	D6222	Polyester	Granules	Film	4.5 (180)

CAP SHEET COLOR OPTIONS

BLACK



BUFF



CHESTNUT



GRAY SLATE



HEATHER BLEND



OAK



PINE GREEN



RED BLEND



WEATHERWOOD



WHITE



POLYFRESKO BRITE WHITE





POLYGLASS U.S.A., Inc.

1111 West Newport Center Drive
Deerfield Beach, FL 33442

(888) 410-1375

Fax: (954) 418-4453

www.polyglass.us

pgmarketing@polyglass.com

Customer Service: (800) 222-9782

Technical Support: (866) 802-8017

© 2018 Polyglass U.S.A., Inc. All rights reserved.