



## PRODUCT CATALOG



PRODUCTS FOR BUILDING AND REPAIR

POLYURETHANE FOAM SEALANT • POLYURETHANE FOAM ADHESIVE • SEALANTS • ADHESIVES



## **Mission**

**Together  
we deliver  
better building  
performance**

## **Selena Group**

Selena Group is a global manufacturer and distributor of a wide range of construction chemicals for professional contractors and home users. The Group is comprised of 30 subsidiary companies and state of the art manufacturing plants which produce polyurethane foams, sealants, adhesives, insulation systems and waterproofing materials. Established in 1992, Selena was one of the pioneer companies offering modern construction chemicals on the Polish market.

- Sales to 70 countries worldwide
- 30 companies in 17 countries
- 1700 employees
- 42,000 customers and millions of end-users all over the world
- One of the top 3 manufacturers of one-component polyurethane foam in the world
- Product diversification for individual regions, markets or customers
- High and consistent product quality confirmed by renowned international institutions as well as product awards.

Selena Group has been listed on the Warsaw Stock Exchange since 2008.

The global experience gathered from many different markets allow the Selena Group to develop fast and create solutions tailored to the needs of the users.



**BUILD WITH CONFIDENCE**



**TYTAN  
Professional  
sold in 33 countries**



**Foam  
Sealants**



**High Yield  
Adhesives**



**Sealants**



**Adhesives**

# FOAMS

## 1. Gun Foam Sealants ..... 09

- Window & Door PRO
- Fire Block PRO
- Extreme Temp PRO
- Outdoor & Auto PRO
- Fill All PRO

## 2. Straw Foam Sealants ..... 11

- Window & Door
- Fire block
- Fill All

## 3. Foam & High Yield Adhesives ..... 17

- Drywall PRO
- Subfloor PRO
- Subfloor
- Drywall
- Heavy Duty
- Outdoor & Landscape
- Bond All PRO

## 4. Foam Accessories ..... 14

- Foam Cleaner
- PRO Gun
- PRO Long-Barrel Gun
- 22" Barrel Gun
- Graphite Gun
- 30 Caliber Gun



# TYTAN PRODUCT PORTFOLIO

## SEALANTS

### 5. Silicone Sealants .....23

- 100% Silicone
- All Purpose Silicone
- Gutter & Seam Sealant
- High Temp Sealant
- Premium Seal
- Seam Seal

### 6. Polyurethane Sealants .....24

- PU40 FC+ Polyurethane Sealant
- SL40 Polyurethane Sealant
- Roof & Flashing Sealant

### 7. Neutral Cure Sealants .....25

- CG25 Neutral Seal Silicone
- O34 Neutral Cure Silicone

### 8. Hybrid & Specialty Sealants ..... 26

- Premium Seal
- Seam Seal
- Window & Door Sealant

## ADHESIVES

### 9. Construction Adhesives ..29

- Fix 'n Seal
- Strong Bond

### 10. Windshield Adhesives .....30

- Shield Bond Cleaner
- Shield Bond Primer
- Shield Bond Repair
- Shield Bond Fast
- Shield Bond Ultra

#### WANT TO LEARN MORE ABOUT OUR PRODUCTS?

Foam Sealant Test Results ... 4, 6

High Yield Adhesives

Technologies ..... 1 1

Benefits of Using

High Yield Adhesives ..... 1 4

Comparison

of Sealant Technologies ..... 27







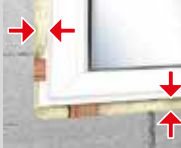

Sealants and Adhesives

Technical Chart ..... 32






# TYTAN vs COMPETITION\*

		WINDOW & DOOR STRAW FOAM	WINDOW & DOOR GUN FOAM	TEST METHOD*
	Amount of Foam	57% more	53% more	free foaming yield
	Closed cell foam structure	23% more	5% more	RB 024
	Better adhesion to wood	6% better	43% better	RB 024 kPa
	R-Value Per Inch	36% more	63% more	RB 024 [ft <sup>2</sup> ·°F·h/Btu]
	Air Infiltration	44% less	77% less	ASTM E 283-04g
	Resistance to Compression	106% more	93% more	ASTM D 1621-04a
	Ability to Keep Shape	71% better	109% better	ASTM D 1621-04a
	Resistance to Climate & Construction Changes	93% more	81% more	ASTM D 1623-09

\*Comparison tests were performed against TYTAN and the leading U.S. competitors equivalent products.



TYTAN's Smart Foam Technology makes our products more versatile, while offering superior yield, adhesion, R-value, and sealing properties compared to the leading U.S. competitor. To learn more about how TYTAN stacks up against the competition visit and navigate to the Test TYTAN tab. 

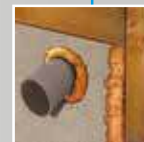
[www.TYTAN.com](http://www.TYTAN.com)



**TYTAN Window & Door PRO** is AAMA approved and offers superior yield and R-value. It is specifically formulated to not bow your window or door frames while also being rigid enough to expand and contract with construction and climate changes while maintaining a strong and durable seal.



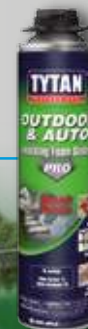
**TYTAN Fire Block PRO** meets or exceeds all essential residential fire blocking requirements and standards. It has been evaluated per ICC-ES Report ESR-3302 and is orange in color for easy inspection recognition. TYTAN Fire Block can be used on gaps and cracks of all sizes and will provide a strong, airtight seal which will provide valuable minutes in the event of a fire.



**TYTAN Fill All PRO** fills gaps & cracks from 1/4"-3" with a strong seal that resists construction and climate changes. It is a Smart Foam, which means it will not over expand or shrink.



**TYTAN Extreme Temp PRO** is specifically formulated to meet the most extreme weather conditions. Whether you're sealing around a window or door, preventing unwanted pests or weather from entering your house, this is the product for you.



**TYTAN Outdoor & Auto PRO** is a black foam that is formulated to meet every outdoor or auto project need. When being used outside, you can seal every gap or crack with a strong watertight seal. It may also be used to reduce auto noise, and seal unwanted gaps & cracks on RV's and Automobiles.



## TEST 1

### Window & Door YIELD

**TYTAN** foam is known worldwide for its high insulation value and strong sealing abilities. However, if you have a whole house of windows to insulate it is important to know that you have the most cost effective option. To see how TYTAN compared against the competition we built a wall of window frames that were 3'x5' with a ½" gap. We took a 24oz can of **TYTAN Window & Door** foam and a 24oz can of the competitions Window & Door foam to see which could insulate around more windows.



## TEST 2

### Fill All vs Large & Small Gap Fillers

The purpose of Insulating foam is to fill gaps to prevent air, moisture, and insects from entering or moving around your home. We tested TYTAN Fill All against the leading Large Gap & Small Gap filling foams.

- 2.1.** Fill All vs Small Gap – We filled a clear 1" tube so we could see how the foam maintains the seal inside the gap. Both foams were in the exact same conditions.
- 2.2.** Fill All vs Large Gap – We filled a 3" piece of PVC piping with Fill All and the Large Gap filler to see how they respond. Both foams were in the exact same conditions.



## TEST 3

### R-VALUE

We are proud of the insulating value that you get in every **TYTAN** foam sealant. We wanted to test our product against the competition to show the difference between **TYTAN Window & Door** foam and the leading U.S. competitor.

We built two houses that are 12" cubes with a "room" in the middle that is a 4" cube. We suspended a temperature sensor in the middle of the room, closed the room and filled the entire cube outside the room with foam. We then heated both cubes up to 104°F and set them both outside where it was 25°F.





# WE TEST TYTAN EVERY DAY

So you can be confident that you are using  
the most cost effective and innovative products in the world



## RESULTS

TYTAN COMPETITION

01

00

**TYTAN Window & Door PRO** filled over eight 3'x5' windows with a 1/2" gap while the competition could only fill five. **TYTAN** remained highly pressurized until the end while the competition began to slow and required constant shaking. When you evaluate the numbers in relation to an entire case of foam

**TYTAN was able to insulate over 96 windows while the competition could only insulate 60!**

That will mean a huge difference in cost for the installers. Professionals can be confident that they are getting more than just a lot of foam. **TYTAN** has also proven to have superior R-value which will save money on the resident's energy bills.

**TYTAN** maintains a superior airtight, energy saving, seal by resisting climate and construction changes better than the leading U.S. competition.



## RESULTS

TYTAN COMPETITION

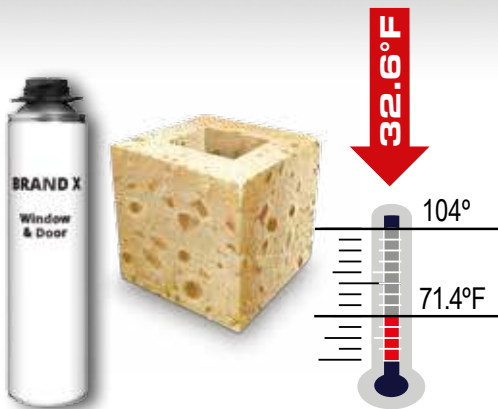
02

00

**TYTAN Fill All** filled, sealed, and maintained the 1" & 3" gap while the competitions Small & Large Gap filler shrunk and left a gap around the foam. The gap around the foam will lead to increased energy costs and eliminate the benefit of using foam insulation. The gap develops because the foam shrinks. Shrinking is a normal part of the curing process, but some foams shrink more than others.

**TYTAN Fill All** was developed with Smart Foam Technology so it fills large and small gaps without shrinking and losing seal.

**TYTAN Fill All** will also move with construction and climate changes to maintain the seal and continue to save you money and keep your home sealed!



## RESULTS

TYTAN COMPETITION

03

00

After four hours the **TYTAN** home went from 104°F to 77°F, a difference of 27°F. The leading competitions house went from 104°F to 71.4°F, a difference of 32.6°F.

**This difference of 5.6°F could equate to an annual savings of up to 10% on your energy bill!**

Not only does **TYTAN** provide more R-Value per inch of foam, but it also flexes and moves with climate and construction changes better to provide a stronger and more durable seal compared to the competition.



BUILD WITH CONFIDENCE

# FOAM Sealants

**TYTAN offers a full range of one-component PRO GUN insulating foam sealants.**

**TYTAN is a worldwide leader in one-component PRO GUN products.**

**TYTAN has a solution for every project and every application.**





BUILD WITH CONFIDENCE



## Window & Door PRO

### Installs More Windows

#### Benefits:

- ▶ Won't Bow Your Windows & Door Frame
- ▶ Anti-Shrink Formula
- ▶ More R-Value Per Inch
- ▶ AAMA Verified Component



## Fire Block PRO

### Gap Filler with Fire Block

#### Benefits:

- ▶ Exceeds All Relevant Residential Fire Blocking Standards
- ▶ More Foam Per Ounce
- ▶ Seals Air Passages to Slow a Growing Fire
- ▶ Orange Color for Inspection Recognition
- ▶ No MDI Emissions Detected During or After Application



#### Technical Specifications:

- ▶ Cutting Time: 40 minutes
- ▶ Fully Cured: 24 Hours
- ▶ Application Temp.: 32°F – 95°F
- ▶ Shelf Life: 18 Months

#### Standards & Approvals:

- ▶ AAMA approval
- ▶ UL
- ▶ Flame Spread: 15
- ▶ Smoke Developed: 20

#### Technical Specifications:

- ▶ Cutting Time: 60 minutes
- ▶ Fully Cured: 24 Hours
- ▶ Application Temp.: 32°F – 95°F
- ▶ Shelf Life: 18 Months

#### Standards & Approvals:

- ▶ Type V Residential Fire Block
- ▶ ICC-ES Report ESR-3302
- ▶ ASTM C1620
- ▶ ASTM E814 (Modified)
- ▶ NFPA 286
- ▶ ASTM E84 Flame Spread 5 & Smoke Developed 5

Product Number	Product Name	Size	Applicator	Case Quantity
00793	Window & Door PRO	24oz	GUN	12

Product Number	Product Name	Size	Applicator	Case Quantity
07633	Fire Block PRO	24oz	GUN	12





BUILD WITH CONFIDENCE



## Extreme Temp PRO

**-4°F – 100°F  
Application Range**

### Benefits:

- ▶ Interior/Exterior Formula
- ▶ Won't Over Expand
- ▶ Adheres to Frozen Materials
- ▶ More R-Value Per Inch
- ▶ Blocks Pests & Weather
- ▶ Anti-Shrink Sealing Formula
- ▶ AAMA Verified Component



### Technical Specifications:

- ▶ Cutting Time: 40 minutes
- ▶ Fully Cured: 48 Hours
- ▶ Application Temp.: -4°F – 100°F
- ▶ Minimum Can Temp.: 41°F
- \* Min can temp 32°F when ambient temp. above 14°F
- ▶ Shelf Life: 12 Months

### Standards & Approvals:

- ▶ AAMA approval
- ▶ UL
- ▶ Flame Spread: 15
- ▶ Smoke Developed: 20

Product Number	Product Name	Size	Applicator	Case Quantity
03823	Extreme Temp PRO	24oz	GUN	12



## Outdoor & Auto PRO

**Black Foam for Auto  
& Outdoor Use**

### Benefits:

- ▶ -4°F – 100°F Application Range
- ▶ Won't Discolor
- ▶ Strong Watertight Seal
- ▶ Reduces Unwanted Noise
- ▶ Safe around Koi Fish
- ▶ Won't Over-Expand
- ▶ 20%-50% More Yield



### Technical Specifications:

- ▶ Cutting Time: 30 minutes
- ▶ Fully Cured: 48 Hours
- ▶ Application Temp.: -4°F – 100°F
- ▶ Shelf Life: 18 Months

### Standards & Approvals:

- ▶ UL
- ▶ Flame Spread: 15
- ▶ Smoke Developed: 20

Product Number	Product Name	Size	Applicator	Case Quantity
04850	Outdoor & Auto PRO	24oz	GUN	12



## Fill All PRO

**Fills Gaps 1/4"-3"**

### Benefits:

- ▶ Superior Yield
- ▶ More R-Value Per inch
- ▶ Won't Over Expand
- ▶ Use in as low as 32°F



### Technical Specifications:

- ▶ Cutting Time: 40 minutes
- ▶ Fully Cured: 24 Hours
- ▶ Application Temp. 32°F – 86°F
- ▶ Shelf Life: 18 Months

### Standards & Approvals:

- ▶ UL
- ▶ Flame Spread: 15
- ▶ Smoke Developed: 20

Product Number	Product Name	Size	Applicator	Case Quantity
00015	Fill All PRO	24oz	GUN	12



BUILD WITH CONFIDENCE



## Window & Door

### Installs More Windows

#### Benefits:

- ▶ Won't Bow Your Windows & Door Frame
- ▶ Anti-Shrink Formula
- ▶ More R-Value Per Inch
- ▶ AAMA Verified Component



#### Technical Specifications:

- ▶ Cutting Time: 60 minutes
- ▶ Fully Cured: 24 Hours
- ▶ Application Temp.: 41°F – 86°F
- ▶ Shelf Life: 18 Months

#### Standards & Approvals:

- ▶ AAMA approval
- ▶ UL
- ▶ Flame Spread: 15
- ▶ Smoke Developed: 20

Product Number	Product Name	Size	Applicator	Case Quantity
03265	Window & Door	12oz	Straw	12
03273	Window & Door PRO	20oz	Straw	12



## Fire Block

### Gap Filler with Fire Block

#### Benefits:

- ▶ Exceeds All Relevant Residential Fire Blocking Standards
- ▶ More Foam Per Ounce
- ▶ Seals Air Passages to Slow a Growing Fire
- ▶ Orange Color for Inspection Recognition
- ▶ No harmful MDI Emissions



#### Technical Specifications:

- ▶ Cutting Time: 60 minutes
- ▶ Fully Cured: 24 Hours
- ▶ Application Temp.: 32°F – 86°F
- ▶ Shelf Life: 18 Months

#### Standards & Approvals:

- ▶ Type V Residential Fire Block
- ▶ ICC-ES Report ESR-3302
- ▶ ASTM C1620
- ▶ ASTM E814 (Modified)
- ▶ NFPA 286
- ▶ ASTM E84 Flame Spread 15 & Smoke Developed 20

Product Number	Product Name	Size	Applicator	Case Quantity
5952	Fire Block	12oz	Straw	12
5953	Fire Block PRO	20oz	Straw	12



## Fill All

### Fills Gaps 1/4"-3"

#### Benefits:

- ▶ Superior Yield
- ▶ More R-Value Per Inch
- ▶ Won't Over Expand
- ▶ Use in as low as 32°F



#### Technical Specifications:

- ▶ Cutting Time: 60 minutes
- ▶ Fully Cured: 24 Hours
- ▶ Application Temp.: 32°F – 86°F
- ▶ Shelf Life: 18 Months

#### Standards & Approvals:

- ▶ UL
- ▶ Flame Spread: 15
- ▶ Smoke Developed: 20

Product Number	Product Name	Size	Applicator	Case Quantity
00013	Fill All	12oz	Straw	12
00029	Fill All PRO	20oz	Straw	12



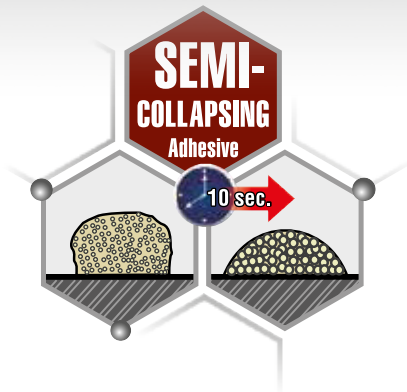


## COLLAPSING GEL ADHESIVE

technology offers superior strength, and gap filling, but may not be used on vertical applications.



Dispenses Foamy

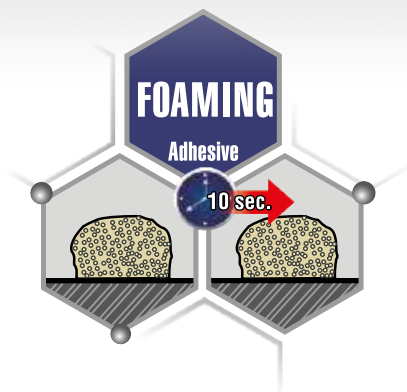


## SEMI-COLLAPSING ADHESIVE

technology offers superior yield and sealing characteristics and may be used vertically, horizontally, or overhead.



Dispenses Foamy



## FOAMING ADHESIVE

technology offers exceptional yield and largest variety of applications while also meeting drywall and subfloor test standards.

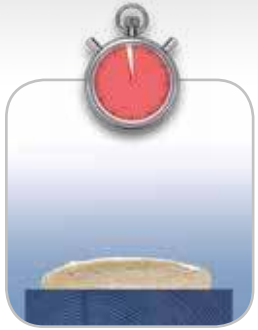


Dispenses Foamy

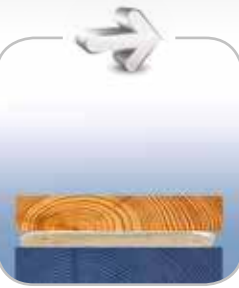
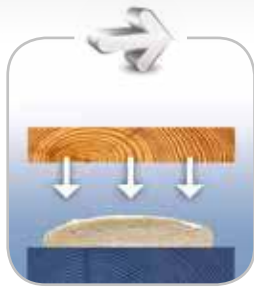


# HIGH YIELD ADHESIVES

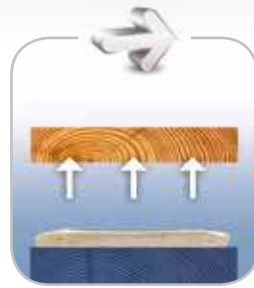
## TECHNOLOGY FOR EVERY APPLICATION



Collapses to Gel



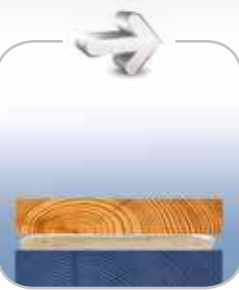
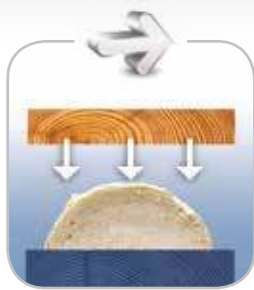
Substrate is Applied



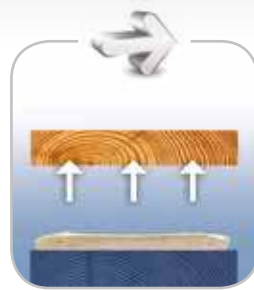
Expands to Fill Gaps



Partially Collapses



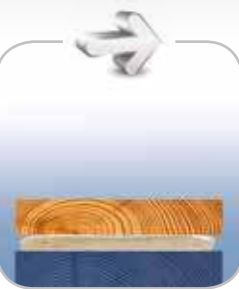
Substrate is Applied



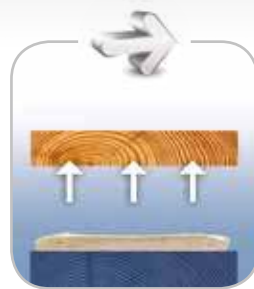
Expands to Seal Gaps



Fills Gaps



Substrate is Applied



No Expansion

## 1. High yield

### TYTAN High Yield Adhesives

- help you work faster
- reduce strain on your body
- improve building performance
- save you money on materials and labor



## 2. Gap filling

TYTAN High Yield Adhesives expand after the substrate is applied to fill gaps, which prevents tension on the fastener, increasing the life of the bond.



Fills gaps to prevent air and moisture from coming under sill plate



Prevents Squeaks



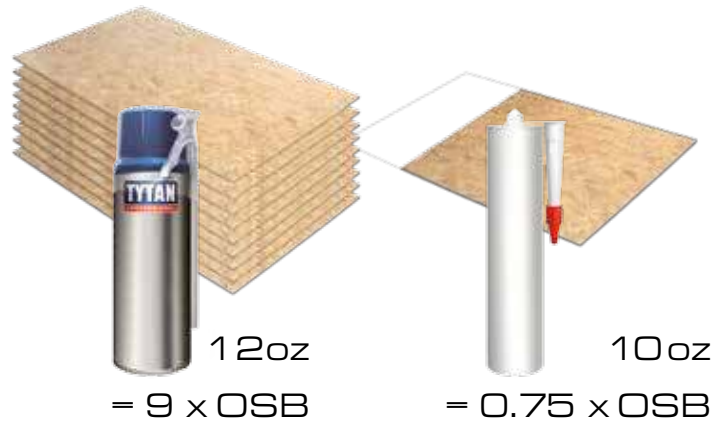
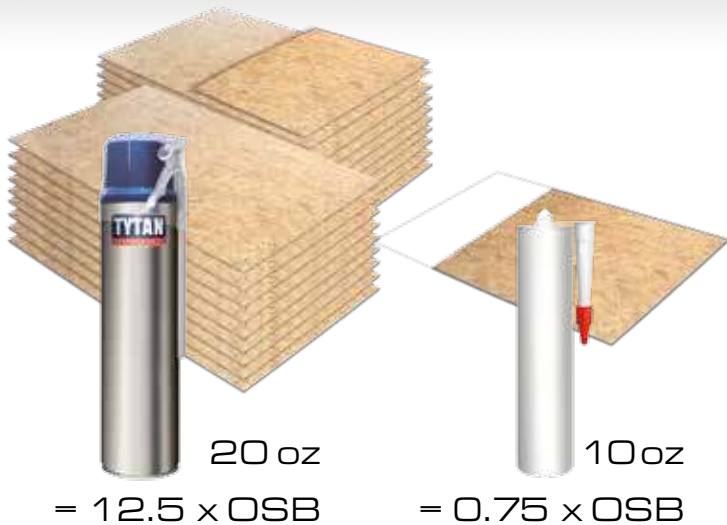
Fills gaps and prevents moisture from getting around or behind the blocks



Prevents hollow spots, loose boards, air / moisture penetration

# HIGH YIELD ADHESIVES

## PRODUCT ADVANTAGES



### 3. Air & Moisture Sealing

TYTAN High Yield Adhesives spread out over the joist and expand to seal air & moisture out to improve air change results.



Sill Plate  
Sealing



Interior  
& Exterior  
Wall Sealing



Block Sealing





# FOAM & High Yield Adhesives

TYTAN High Yield Adhesives & Foam Adhesives are the most cost effective construction adhesives on the market.

We know saving TIME, MONEY, and BODY STRAIN is important so we made these products especially for you!

## TYTAN Foam Adhesives

**YIELD****COST****TIME**

## Conventional Adhesives







BUILD WITH CONFIDENCE

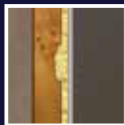


## Drywall PRO High Yield Adhesive

### Replaces Traditional Drywall Adhesives

#### Benefits:

- ▶ Replaces entire case of 28oz Traditional Adhesive
- ▶ Reduces Air & Moisture Penetration
- ▶ Faster than conventional adhesive application
- ▶ Superior Gap and Imperfection Filler
- ▶ Superior Insulation and Acoustic Dampening
- ▶ Reduces Nail Pops
- ▶ Reduces Hollow Spots
- ▶ Exceeds Drywall Adhesive Strength Standards



#### Technical Specifications:

- ▶ Application Temp.: 41°F – 95°F
- ▶ Open Time: 10 Minutes
- ▶ Fully Cured: 2 Days
- ▶ Shelf Life: 18 Months

#### Standards & Approvals:

- ▶ ASTM D6464
- ▶ UL Certified

Product Number	Product Name	Size	Applicator	Case Quantity
00146-HYA	Drywall PRO	29oz	GUN	12



## Subfloor PRO High Yield Adhesive

### Replaces Traditional Subfloor Adhesives

#### Benefits:

- ▶ Replaces entire case of 28oz Traditional Adhesive
- ▶ Prevents Squeaks
- ▶ Faster than conventional adhesive application
- ▶ Bonds to Wet & Frozen Wood
- ▶ Superior Gap and Imperfection Filler
- ▶ Superior Insulation and Acoustic Dampening
- ▶ Superior Floor Leveling Performance



#### Technical Specifications:

- ▶ Application Temp.: 23°F – 95°F
- ▶ Open Time: 20 Minutes
- ▶ Fully Cured: 2 Days
- ▶ Shelf Life: 18 Months

#### Standards & Approvals:

- ▶ ASTM D3498
- ▶ APA-AFG-01
- ▶ UL Certified

Product Number	Product Name	Size	Applicator	Case Quantity
00144-HYA	Subfloor PRO	29oz	GUN	12



BUILD WITH CONFIDENCE

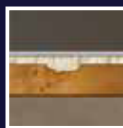


## Subfloor PRO High Yield Adhesive

### Replaces Traditional Subfloor Adhesives

#### Benefits:

- ▶ Replaces Case of 10oz Traditional Adhesive
- ▶ Prevents Squeaks
- ▶ Faster than conventional adhesive application
- ▶ Bonds to Wet & Frozen Wood
- ▶ Superior Gap and Imperfection Filler
- ▶ Superior Insulation and Acoustic Dampening
- ▶ Superior Floor Leveling Performance



#### Technical Specifications:

- ▶ Application Temp.: 23°F – 95°F
- ▶ Open Time: 20 Minutes
- ▶ Fully Cured: 2 Days
- ▶ Shelf Life: 18 Months

#### Standards & Approvals:

- ▶ ASTM D3498
- ▶ APA-AFG-01
- ▶ UL Certified

Product Number	Product Name	Size	Applicator	Case Quantity
00160-HYA	Subfloor	12oz	Straw	12
00162-HYA	Subfloor	20oz	Straw	12



## Drywall PRO High Yield Adhesive

### Replaces Traditional Drywall Adhesives

#### Benefits:

- ▶ Replaces Case of 10oz Traditional Adhesive
- ▶ Reduces Air & Moisture Infiltration
- ▶ Faster than conventional adhesive application
- ▶ Superior Gap and Imperfection Filler
- ▶ Superior Insulation and Acoustic Dampening
- ▶ Reduces Nail Pops
- ▶ Reduces Hollow Spots
- ▶ Exceeds Drywall Adhesive Strength Standards



#### Technical Specifications:

- ▶ Application Temp.: 41°F – 95°F
- ▶ Open Time: 10 Minutes
- ▶ Fully Cured: 2 Days
- ▶ Shelf Life: 18 Months

#### Standards & Approvals:

- ▶ ASTM D6464
- ▶ UL Certified

Product Number	Product Name	Size	Applicator	Case Quantity
00164-HYA	Drywall	12oz	Straw	12
00166-HYA	Drywall	20oz	Straw	12



## Heavy Duty High Yield Adhesive

### Bond's & Seals Bottom Plate

#### Benefits:

- ▶ Replaces Case of 10oz Traditional Adhesive
- ▶ Faster than conventional adhesive application
- ▶ Bonds to Wet & Frozen Wood
- ▶ Seals Bottom Plates
- ▶ Superior Gap and Imperfection Filler



#### Technical Specifications:

- ▶ Application Temp.: 23°F – 95°F
- ▶ Open Time: 15 Minutes
- ▶ Fully Cured: 2 Days
- ▶ Shelf Life: 18 Months

#### Standards & Approvals:

- ▶ ASTM D3498
- ▶ APA-AFG-01
- ▶ UL Certified

Product Number	Product Name	Size	Applicator	Case Quantity
00168-HYA	Heavy Duty PRO	12oz	Straw	12



## Outdoor & Landscape High Yield Adhesive

### Replaces Landscape Adhesive

#### Benefits:

- ▶ Replaces Case of 10oz Traditional Adhesive
- ▶ Faster than conventional adhesive application
- ▶ Bonds to Wet & Frozen Blocks
- ▶ Superior Gap and Imperfection Filler
- ▶ Prevents Moisture Infiltration
- ▶ Bonds & Seals Top Cap



#### Technical Specifications:

- ▶ Application Temp.: 23°F – 95°F
- ▶ Open Time: 20 Minutes
- ▶ Fully Cured: 2 Days
- ▶ Shelf Life: 18 Months

#### Standards & Approvals:

- ▶ ASTM D3498
- ▶ APA-AFG-01
- ▶ UL Certified

Product Number	Product Name	Size	Applicator	Case Quantity
00172-HYA	Outdoor & Landscape PRO	12oz	Straw	12

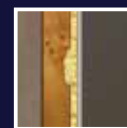


## Bond All PRO Foam Adhesive

### Vertical & Horizontal Application

#### Benefits:

- ▶ Heavy Duty
- ▶ Replaces entire case of 28oz Traditional Adhesive
- ▶ Faster than conventional adhesive application
- ▶ Fills Gaps & Imperfections
- ▶ Reduces Strain on Hands and Body



#### Technical Specifications:

- ▶ Application Temp.: 41°F – 95°F
- ▶ Open Time: 10 Minutes
- ▶ Fully Cured: 2 Days
- ▶ Shelf Life: 18 Months

#### Standards & Approvals:

- ▶ ASTM D6464
- ▶ ASTM D3498
- ▶ APA-AFG-01
- ▶ UL Certified

Product Number	Product Name	Size	Applicator	Case Quantity
00023	Bond All PRO	24oz	GUN	12



BUILD WITH CONFIDENCE

# Foam Accessories



## Foam CLEANER

### Benefits:

- ▶ Removes Uncured Foam
- ▶ Keeps Gun Working Efficiently and Effectively
- ▶ Spray Nozzle Feature
- ▶ May be used as universal cleaner
- ▶ Breaks down all uncured polyurethane materials

### Application:

- ▶ Cleans Uncured Polyurethane Materials
- ▶ Clean and Maintain Guns
- ▶ Extends life of Gun

## TYTAN 30 Caliber GUN

### Benefits:

- ▶ 30% More Yield compared to Economy Applicators
- ▶ Flow Rate Adjuster Knob
- ▶ Perfect solution for DIY or Irregular Use
- ▶ May be Cleaned and Reused
- ▶ Ergonomically design

### Application:

- ▶ DIY or Irregular Use



Product Number	Product Name	Size	Case
00799	TYTAN Foam Cleaner	12oz	12

Product Number	Product Name	Barrel (in)	Case
00110-Gun	TYTAN 30 Caliber GUN	8	40



BUILD WITH CONFIDENCE



## TYTAN Graphite GUN

### Benefits:

- ▶ Metal Construction
- ▶ Teflon Coated Basket
- ▶ High Yield Basket diameter
- ▶ Easy to clean and maintain

### Application:

- ▶ Semi-Regular Professional Use



## TYTAN PRO GUN

### Benefits:

- ▶ Lighter weight than other models
- ▶ Durable Construction
- ▶ Teflon Coated Basket
- ▶ Patented Adjustable Flow rate
- ▶ Patented Needle Stabilizer
- ▶ High Yield Basket diameter
- ▶ Easy to Clean barrel and tip
- ▶ Reusable for years when cleaned properly

### Application:

- ▶ Everyday Professional Use



## TYTAN 22\"/> Long-Barrel GUN

### Benefits:

- ▶ Reinforced connection between body and barrel
- ▶ PTFE coating on the needle and the adapter
- ▶ High quality gasket: 1 PTFE ring + 2 rubber rings
- ▶ Longer Barrel than Standard for Top Plate Sealing

### Application:

- ▶ Everyday Professional Long Reach Use



## TYTAN 39\"/> Long-Barrel PRO GUN

### Benefits:

- ▶ Lighter weight than other models
- ▶ Durable Construction
- ▶ Teflon Coated Basket
- ▶ Patented Adjustable Flow rate
- ▶ Patented Needle Stabilizer
- ▶ High Yield Basket diameter
- ▶ Easy to Clean barrel and tip
- ▶ Reusable for years when cleaned properly
- ▶ Long Barrel for Subfloor and Top Plate Application

### Application:

- ▶ Subfloor Adhesive Application

Product Number	Product Name	Barrel (in)	Case
00108-Gun	TYTAN Graphite GUN	8	40

Product Number	Product Name	Barrel (in)	Case
00104-Gun	TYTAN PRO GUN	8	40

Product Number	Product Name	Barrel (in)	Case
00107-GUN	TYTAN 22" Long Barrel GUN	22	20

Product Number	Product Name	Barrel (in)	Case
00106-GUN	TYTAN Long Barrel PRO GUN	39	40





BUILD WITH CONFIDENCE

# SEALANTS

TYTAN offers the perfect sealant technology for most applications. Our mix of traditional sealants and innovative hybrid sealants will help you work smarter and more efficiently. Our two-piece cartridges with screw on nozzle applicators eliminate the frustration and hassle of a broken applicator nozzle. To replace a broken nozzle or a nozzle with cured sealant, simply screw off the old nozzle, remove any cured sealant, and screw on a new clean nozzle applicator. With TYTAN Sealants you can Build with Confidence!

**Silicone Sealants**  
**Polyurethane Sealants**  
**Neutral Cure Sealants**  
**Hybrid & Specialty Sealants**





BUILD WITH CONFIDENCE



Silicone

## 100% Silicone

Versatile silicone that remains flexible during construction movements, vibrations, and climate changes. Extremely resistant to any weathering and even chemicals.

### Technology

- ▶ Acetoxy Silicone

### Benefits:

- ▶ Weather & Wear Resistant
- ▶ Permanent Seal
- ▶ Won't Slump or Shrink
- ▶ Mildew & Mold Resistant

### Applications:



Silicone

## All Purpose

Innovative product perfect for high-humidity environments, offering a long-term watertight seal that will not mold, mildew, discolor, slump, or shrink.

### Technology

- ▶ Acetoxy Silicone

### Benefits:

- ▶ Silicone Sealant
- ▶ UV & Weather Resistant
- ▶ Resists Staining
- ▶ Mildew & Mold Resistant

### Applications:



Silicone

## Gutter & Seam Sealant

Self leveling, all temperature sealant that may be applied on wet or dry surfaces to form a watertight seal in gutters and narrow seams.

### Technology

- ▶ Silicone

### Benefits:

- ▶ Self-Leveling
- ▶ Weather & UV Resistant
- ▶ Remains Flexible
- ▶ Doesn't Crack or Shrink

### Applications:



### Technical Specifications:

- ▶ Tool Time: 10 minutes
- ▶ Tack Free Time: 10-15 minutes
- ▶ Fully Cured: 4 days
- ▶ Application Temperatures: 41°F – 104°F
- ▶ Working Temperature: -58°F – 356°F
- ▶ Storage conditions: 41°F – 77°F in a dry place
- ▶ Shelf Life: 24 Months

### Standards & Approvals:

- ▶ ASTM C920 Typ S, Grade NS, Class 25, Use G
- ▶ Made in ISO 9001 Certified Facility

### Color Chart:

Aluminum

White

Clear



Product Number	Product Name	Size	Container	Case Quantity
07700*	100% Silicone	10.1oz	Cartridge	24

\*Each color has a unique product number.

### Technical Specifications:

- ▶ Tool Time: 10 minutes
- ▶ Tack Free Time: 10-15 minutes
- ▶ Fully Cured: 5 days
- ▶ Application Temperatures: 41°F – 104°F
- ▶ Working Temperature: -40°F – 212°F
- ▶ Storage conditions: 41°F – 77°F in a dry place
- ▶ Shelf Life: 24 Months

### Standards & Approvals:

- ▶ ISO 11600 Class 12.5
- ▶ Made in ISO 9001 Certified Facility

### Color Chart:

White

Clear



Product Number	Product Name	Size	Container	Case Quantity
00159*	All Purpose	10.1oz	Cartridge	24

\*Each color has a unique product number.

### Technical Specifications:

- ▶ Tool Time: 5 minutes
- ▶ Tack Free Time: 5-10 minutes
- ▶ Fully Cured: 5 days
- ▶ Application Temperatures: 14°F – 122°F
- ▶ Working Temperature: -40°F – 300°F
- ▶ Storage conditions: 32°F – 77°F in a dry place
- ▶ Shelf Life: 18 Months

### Standards & Approvals:

- ▶ Made in ISO 9001 Certified Facility

### Color Chart:

Aluminum

Clear

White



Product Number	Product Name	Size	Container	Case Quantity
00064*	Gutter & Seam	10.1oz	Cartridge	24

\*Each color has a unique product number.



BUILD WITH CONFIDENCE



Silicone

## High Temp Sealant

Acetoxy silicone resists extreme heat of up to 600°F. It provides a strong seal and bond to most non-porous surfaces so you can be confident that it remains sealed and secure in the most extreme conditions.

### Technology

- ▶ Acetoxy Silicone

### Benefits:

- ▶ Resists up to 600°F
- ▶ Resists Vibrations
- ▶ Won't Shrink or Crack
- ▶ Remains Flexible

### Applications:



Interior



Polyurethane

## PU40 FC+ Polyurethane Sealant

Polyurethane sealant designed for the most extreme or general construction applications.

### Technology

- ▶ Polyurethane

### Benefits:

- ▶ Paintable
- ▶ Chemical & Fuel Resistant
- ▶ Remains Flexible
- ▶ Won't Slump or Sag

### Applications:



Interior



Exterior



Floor



All in one



Polyurethane

## SL40 Polyurethane Sealant

Self-leveling polyurethane sealant designed for the most extreme or general applications on floors area.

### Technology

- ▶ Polyurethane

### Benefits:

- ▶ Won't Crack or Tear
- ▶ Remains Flexible
- ▶ Watertight Seal

### Applications:



Dilatation



Interior



Exterior



Floor

### Technical Specifications:

- ▶ Tool Time: 5 minutes
- ▶ Tack Free Time: 5-15 minutes
- ▶ Fully Cured: 4 days
- ▶ Application Temperatures: 41°F – 104°F
- ▶ Working Temperature: -58°F – 500°F
- ▶ Storage conditions: 32°F – 77°F in a dry place
- ▶ Shelf Life: 24 Months

### Standards & Approvals:

- ▶ ASTM C920 Typ S, Grade NS, Class 25, Use G
- ▶ Made in ISO 9001 Certified Facility

### Color Chart:

Red



### Technical Specifications:

- ▶ Tool Time: 15 minutes
- ▶ Tack Free Time: 40 minutes
- ▶ Fully Cured: 6 days
- ▶ Application Temperatures: 41°F – 95°F
- ▶ Working Temperature: -40°F – 176°F
- ▶ Storage conditions: 41°F – 77°F in a dry place
- ▶ Shelf Life: 12 Months

### Standards & Approvals:

- ▶ ASTM C920 Class 25
- ▶ Meets LEED 2009 Credit EQ c4.1

### Color Chart:

White

Gray



### Technical Specifications:

- ▶ Tool Time: 5 minutes
- ▶ Tack Free Time: 90 minutes
- ▶ Fully Cured: 4-5 days
- ▶ Application Temperatures: 41°F – 95°F
- ▶ Working Temperature: -22°F – 176°F
- ▶ Storage conditions: 41°F – 77°F in a dry place
- ▶ Shelf Life: 12 Months

### Standards & Approvals:

- ▶ ISO 11600
- ▶ BS 5122
- ▶ Made in ISO 9001 Certified Facility

### Color Chart:

White

Gray

Black



Product Number	Product Name	Size	Container	Case Quantity
00080	High Temp	10.1oz	Cartridge	24

Product Number	Product Name	Size	Container	Case Quantity
03717	PU40 FC+	10.1oz	Cartridge	25

Product Number	Product Name	Size	Container	Case Quantity
00150*	SL40	28oz	Cartridge	12

\*Each color has a unique product number.





BUILD WITH CONFIDENCE



Polyurethane

## Roof & Flashing Sealant

Provides a durable seal when installing and repairing all roofs.

### Technology

- Polyurethane

### Benefits:

- Seals Roof Leaks
- Durable & Lasting Seal
- Weather & UV Resistant
- Remains Flexible

### Applications:



Roof

Exterior

### Technical Specifications:

- Tool Time: 15-20 minutes
- Tack Free Time: 20 minutes
- Fully Cured: 2 Days (2mm/24h)
- Application Temperatures: 14°F – 122°F
- Working Temperature: -31°F – 185°F
- Storage conditions: 40°F – 80°F in a dry place
- Shelf Life: 12 Months

### Standards & Approvals:

- Made in ISO 9001 Certified Facility

### Color Chart:

Black



Product Number	Product Name	Size	Container	Case Quantity
00066	Roof & Flashing	9.5oz	Cartridge	12



Neutral Cure Silicone

## CG25

Primerless, commercial grade neutral cure oxime with enhanced adhesion and tensile strength properties, designed especially for vertical or traffic bearing joint sealing applications.

### Technology

- Neutral Cure Silicone

### Benefits:

- Commercial Grade
- No Slump, No Shrink
- Superior Adhesion
- Superior Tensile Strength

### Applications:



Dilatation

Interior

Exterior

Window & Door

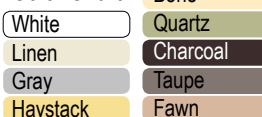
### Technical Specifications:

- Tool Time: 5 minutes
- Tack Free Time: 5-10 minutes
- Fully Cured: 4-5 days
- Application Temperatures: 41°F – 104°F
- Working Temperature: -58°F – 302°F
- Storage conditions: 32°F – 77°F in a dry place
- Shelf Life: 18 Months

### Standards & Approvals:

- ASTM C920 Type S, Grade NS, Class 25, Use G, A
- Made in ISO 9001 Certified Facility

### Color Chart:



Product Number	Product Name	Size	Container	Case Quantity
00094*	CG25	10.1oz	Cartridge	24

\*Each color has a unique product number.



Neutral Cure Silicone

## O34

Primerless commercial grade neutral cure oxime formulated specifically for window and door applications and glazing.

### Technology

- Neutral Cure Silicone

### Benefits:

- Premium Glazing Silicone
- No Slump or Shrink
- UV & Weather Resistant
- Safe for Mirrors

### Applications:



Window & Door

Interior

Exterior

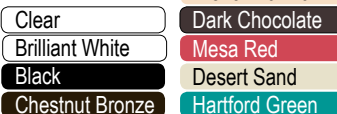
### Technical Specifications:

- Tool Time: 5 minutes
- Tack Free Time: 5-10 minutes
- Fully Cured: 4-5 days
- Application Temperatures: 41°F – 104°F
- Working Temperature: -58°F – 302°F
- Storage conditions: 32°F – 77°F in a dry place
- Shelf Life: 18 Months

### Standards & Approvals:

- ASTM C920 Class 25
- AAMA Verified Component

### Color Chart:



Product Number	Product Name	Size	Container	Case Quantity
00056*	O34	10.1oz	Cartridge	12
00058*	O34	600ml	Foil Sausage	12

\*Each color has a unique product number.



BUILD WITH CONFIDENCE



Hybrid  
& Specialty  
Sealant

## Premium Seal

Innovative, versatile formula that provides structural advantages of a silicone, with the application benefits of an acrylic.

### Technology

- ▶ Siliconized Acrylic

### Benefits:

- ▶ Paintable Silicone
- ▶ Interior/Exterior Use
- ▶ Water Cleanup
- ▶ Low Odor

### Applications:



Home

Interior

Exterior

All-in-One

### Technical Specifications:

- ▶ Tool Time: 5 minutes
- ▶ Tack Free Time: 5-10 minutes
- ▶ Fully Cured: 7 days
- ▶ Application Temperatures: 41°F – 104°F
- ▶ Working Temperature: -4°F – 176°F
- ▶ Storage conditions: 41°F – 77°F in a dry place
- ▶ Shelf Life: 24 Months

### Standards & Approvals:

- ▶ ISO 11600 class 7.5
- ▶ Made in ISO 9001 Certified Facility

### Color Chart:

White

Clear



Product Number	Product Name	Size	Container	Case Quantity
00070*	Premium Seal	10.1oz	Cartridge	24

\*Each color has a unique product number.



Hybrid  
& Specialty  
Sealant

## Seam Seal

Specifically formulated to seal house wrap and metal sheeting with a water and airtight seal. It may be applied on wet or dry surfaces.

### Technology

- ▶ Vinyl rubber

### Benefits:

- ▶ Adheres to House Wrap & Vapor Barriers
- ▶ Seals Metal Seams
- ▶ Adheres to Kynar Metal Roofing and Siding Components
- ▶ Water & Airtight Seal
- ▶ Weather and UV resistant
- ▶ Remains Flexible



Exterior

Walls & Exterior Materials

### Technical Specifications:

- ▶ Tool Time: 5 minutes
- ▶ Tack Free Time: 5-10 minutes
- ▶ Fully Cured: 5 days (1mm/24h)
- ▶ Application Temperatures: 41°F – 104°F
- ▶ Working Temperature: -40°F – 302°F
- ▶ Storage conditions: 32°F – 77°F in a dry place
- ▶ Shelf Life: 24 Months

### Standards & Approvals:

- ▶ Made in ISO 9001 Certified Facility

### Color Chart:

Clear



Product Number	Product Name	Size	Container	Case Quantity
00068	Seam Seal	10.1oz	Cartridge	24



Hybrid  
& Specialty  
Sealant

## Window & Door Sealant

Provides a durable seal for interior or exterior window and door sealing.

### Technology

- ▶ Hybrid Sealant

### Benefits:

- ▶ Interior & Exterior Application
- ▶ Paintable
- ▶ Won't Crack or Shrink
- ▶ May be Applied to Wet Surfaces
- ▶ Resists & Repels Dirt
- ▶ UV Resistant

### Applications:



Window & Door

Interior

Exterior

Walls & Exterior

### Technical Specifications:

- ▶ Tool Time: 15-20 minutes
- ▶ Tack Free Time: 20 minutes
- ▶ Fully Cured: 3 days (3mm/24h)
- ▶ Application Temperatures: 41°F – 104°F
- ▶ Working Temperature: -58°F – 194°F
- ▶ Storage conditions: 32°F – 77°F in a dry place
- ▶ Shelf Life: 9 Months

### Standards & Approvals:

- ▶ ASTM C920 Type S, Grade NS, Class 25, Use T, NT, M, A
- ▶ ISO 11600 F 20 HM

### Color Chart:

Gray

Clear

White

Black

Brown



Product Number	Product Name	Size	Container	Case Quantity
00168*	Window & Door	10.1oz	Cartridge	24

\*Each color has a unique product number.





BUILD WITH CONFIDENCE

## Product Technology



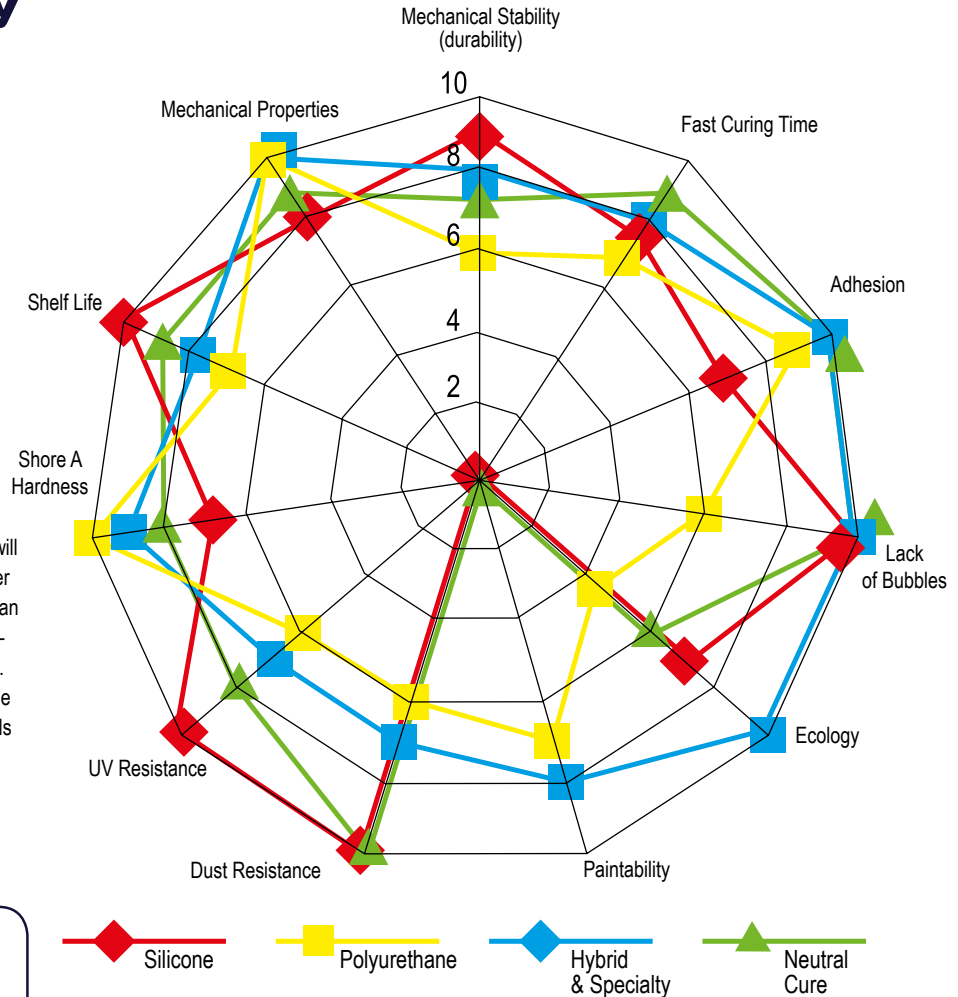
### SILICONE

Silicone Sealants release a component while curing and cure to a strong durable seal. They are easier to apply and cure faster than other sealant technologies. They are superior in colder temperatures and will remain watertight and won't crack or slump over time. They are UV and weather resistant and can withstand the flexing and moving of typical construction and climate changes and movements. Silicone Sealants typically work on a wide range of products but most work very well on materials like glass, tile, and metal.



### HYBRID & SPECIALTY

Hybrid Sealants combine the advantages of multiple technologies into one innovative formula. TYTAN Window & Door Sealant is capable of adhering to more substrates than any other technology while curing in the most extreme conditions. It also has the paintable feature that is typically only found in polyurethane and acrylic products. TYTAN Premium Seal offers a technology commonly referred to as "siliconized acrylic" which showcases the advantages of silicone but is also paintable and cleans up easily with water. Seam Seal is a Synthetic Rubber which provides excellent joint flexibility and movement. It adheres to house wrap and other vapor barriers to help create a water and airtight seal. It seals all metal roof and siding seams including Kynar materials. It also creates a strong water and airtight seal on other applications like gutters, roofs, siding, doors, and windows.



—◆— Silicone

—■— Polyurethane

—◆— Hybrid & Specialty

—▲— Neutral Cure

### POLYURETHANE



Polyurethane Sealants cure through moisture in the air which makes them very low odor. They are non-corrosive to metals and are also paintable and work very well on natural products like wood. Polyurethane sealants are the best solution for concrete crack and joint sealant because of their strong, durable, and wear-resistant seal. Polyurethane Sealants are a versatile technology that can be used on a wide range of applications but they are harder and more durable compared to more flexible sealants.

### NEUTRAL CURE



Neutral Cure Silicones release methanol when curing instead of acetic acid so it is more pleasant to work around. Neutral cure silicones are more versatile than Acetoxy silicones and may be used on metallic surfaces such as copper, brass, bronze, zinc, and iron. They are also compatible with alkaline surfaces such as concrete, plaster and brick. Their adhesion to plastic is better than Acetoxy silicone and they may be used on PVC, ABS, Polyester, Acrylic, and polycarbonate.



BUILD WITH CONFIDENCE

# Construction ADHESIVES

TYTAN Adhesives offer a strong mix of traditional and innovative adhesive products. Strong Bond is a traditional indoor adhesive that is great for subfloor, drywall, and heavy duty projects.

It is water-based so it is very low odor and can be cleaned up with water.

Fix 'n Seal ES is a revolutionary fast-tack adhesive. It sticks to most substrates and can cure in the most demanding environments, even under water. We formulated Fix 'n Seal ES so you can use it on Every Substrate and so it will be ready for Every Situation! With TYTAN Adhesives you can Build with Confidence.





## Hybrid Adhesives

### Fix 'n Seal ES

Premium, innovative, fast-acting adhesive that adheres lightweight materials to vertical surfaces within seconds. Fix 'n Seal ES will adhere lightweight materials within 10 seconds and produces a strong hold on materials up to 500 lbs after full cure.

#### Technology

- Hybrid Adhesive

#### Benefits:

- Fast & Strong
- 500 lbs. of Adhering Power
- Adheres to Wet Surfaces
- Safe for Mirrors

#### Applications:



All-in-One



Interior



Exterior

#### Technical Specifications:

- Tool Time: 5 minutes
- Tack Free Time: 5-15 minutes
- Fully Cured: 3-4 days
- Application Temperatures: 41°F – 122°F
- Working Temperature: -40°F – 194°F
- Storage conditions: 41°F – 77°F in a dry place
- Shelf Life: 12 Months

#### Standards & Approvals:

- Made in ISO 9001 Certified Facility

#### ► Color Chart:

White



Product Number	Product Name	Size	Container	Case Quantity
00119	Fix 'n Seal ES	9.5oz	Cartridge	24



## Water-Based Adhesives

### Strong Bond

Formulated to meet the needs of thousands of projects and purposes. It may be used on vertical and horizontal applications and should typically be used with mechanical fasteners.

#### Technology

- Water-Based Adhesive

#### Benefits:

- All-Purpose Bond
- Vertical or Horizontal Applications
- Permanent Bond
- Low Odor

#### Applications:



All-in-One



Interior

#### Technical Specifications:

- Tool Time: 10 minutes
- Tack Free Time: 10-15 minutes
- Fully Cured: 2 days
- Application Temperatures: 50°F – 86°F
- Working Temperature: -4°F – 140°F
- Storage conditions: 41°F – 86°F in a dry place
- Shelf Life: 12 Months

#### Standards & Approvals:

- Made in ISO 9001 Certified Facility

#### ► Color Chart:

White



Product Number	Product Name	Size	Container	Case Quantity
00140	Strong Bond	28oz	Cartridge	12



BUILD WITH CONFIDENCE

# Windshield ADHESIVES

TYTAN Shield Bond offers a complete windshield adhesive system that is tested and guaranteed world-wide. Shield Bond Repair is an extremely fast curing windshield adhesive that is formulated specifically for the repair industry. It has an impressive 60 minute drive away time. Shield Bond Fast is a windshield adhesive formulated for manufacturers that need the fast drive away time. When used in the appropriate conditions it offers a 2 hour drive away time. Shield Bond Ultra is our most versatile windshield adhesive. This polyurethane adhesive may be used as a general-purpose heavy duty adhesive for the whole-unit assembly. Shield Bond Ultra offers a 3 hour drive away time when used in the appropriate conditions.



## Shield Bond Cleaner

Shield Bond Cleaner removes any contaminants to prepare and activate the glass for successful adhesion. The Silane Polymer base enhances the adhesion potential when used as the first step of our proven three step system to create a strong and durable seal.



STEP  
one



STEP  
two



STEP  
three



## Shield Bond Primer

Shield Bond Primer is an all-in-one moisture cured primer that should be used after the Shield Bond Cleaner is applied. When used as the second step in our proven three step system, it will provide superior adhesion compared to not using a primer while also protecting against UV radiation and corrosion of bare metal around the seal.



STEP  
one



STEP  
two



STEP  
three



### Technical Specifications:

- ▶ Drying Time: 10 minutes
- ▶ Application Temperatures: 41°F – 104°F
- ▶ Working Temperature: -40°F – 194°F
- ▶ Storage conditions: 41°F – 77°F in a dry place
- ▶ Shelf Life: 12 Months

### Technical Specifications:

- ▶ Drying Time: 10 minutes
- ▶ Application Temperatures: 41°F – 104°F
- ▶ Working Temperature: -40°F – 194°F
- ▶ Storage conditions: 41°F – 77°F in a dry place
- ▶ Shelf Life: 12 Months

Product Number	Product Name	Size	Container	Case Quantity
00084	Shield Bond Cleaner	250ml	Bottle	10

Product Number	Product Name	Size	Container	Case Quantity
00082	Shield Bond Primer	250ml	Bottle	10



Proven **THREE STEP SYSTEM**



Polyurethane

## Shield Bond Repair

### Benefits:

- ▶ High Shear Modulus
- ▶ Non Conductive Properties
- ▶ Odorless & Solvent Free
- ▶ 60 Minute Drive Away Time



### Technical Specifications:

- ▶ Tool Time: 10 minutes
- ▶ Tack Free Time: 15 minutes
- ▶ Drive Away Time: 1 Hour (41°F – 104°F)
- ▶ Fully Cured: 24 hours
- ▶ Application Temperatures: 23°F – 104°F
- ▶ Working Temperature: -40°F – 212°F
- ▶ Storage conditions: 40°F – 77°F in a dry place
- ▶ Shelf Life: 12 Months

### Standards & Approvals:

- ▶ ISO 37
- ▶ DIN 53504

### Color Chart:

Black

Product Number	Product Name	Size	Container	Case Quantity
00086	Shield Bond Repair	10.1oz	Cartridge	12
00088	Shield Bond Repair	600ml	Foil Sausage	20

Polyurethane



## Shield Bond Fast

### Benefits:

- ▶ 2 hour drive away time
- ▶ Economical Glass Bonding



### Technical Specifications:

- ▶ Tool Time: 10 minutes
- ▶ Tack Free Time: 15 minutes
- ▶ Fully Cured: 24 Hours
- ▶ Application Temperatures: 23°F – 104°F
- ▶ Working Temperature: -40°F – 212°F
- ▶ Storage conditions: 41°F – 77°F in a dry place
- ▶ Shelf Life: 12 Months

### Color Chart:

Black

Product Number	Product Name	Size	Container	Case Quantity
00090	Shield Bond Fast	600ml	Foil Sausage	20

Polyurethane



## Shield Bond Ultra

### Benefits:

- ▶ Glass to Aluminum Adhesion
- ▶ Glass to Painted Metals Adhesion
- ▶ Aluminum to Aluminum Adhesion
- ▶ Wood to Steel Adhesion



### Technical Specifications:

- ▶ Tool Time: 25 minutes
- ▶ Tack Free Time: 35 minutes
- ▶ Fully Cured: 2 days
- ▶ Application Temperatures: 41°F – 104°F
- ▶ Working Temperature: -40°F – 194°F
- ▶ Storage conditions: 41°F – 77°F in a dry place
- ▶ Shelf Life: 12 Months

### Color Chart:

Black

Product Number	Product Name	Size	Container	Case Quantity
00092	Shield Bond Ultra	600ml	Foil Sausage	20



- ★ suitable
- ★★ recommended
- not recommended
- acceptable

100% Silicone

All Purpose Silicone

O34 Neutral Cure Silicone

CG25 Neutral Seal Silicone

Window & Door Sealant

Roof & Flashing Sealant

Seam Seal

## TECHNICAL SPECIFICATION

PRODUCT GROUP	Acetoxy Silicone	Acetoxy Silicone	Neutral Silicone	Neutral Silicone	Hybrid	Polyurethane Bitumen	PVA
Density [g/ml]	1.2	0.96	1.01	1.01	1.43	1.36	1.14
Curing Rate [mm/24h] *	4	3	3	2 - 3	3	2	1
Skin Formation Time [min] *	10 - 15	10 - 15	5 - 25	5 - 10	20	40	5 - 10
Hardness Shore A	25	21	25	25	40	36	40
Elasticity (elastic recovery)[%]	>95%	>90%	>95%	>95%	60%	-	-
Tensile Strength [PSI]	145.03	130.53	116.03	210.30	304.57	69.61	-
Movement Accommodation [+/- %]	+/- 20%	+/- 20%	+/- 25%	+/- 25%	+/- 20%	-	-
Modulus [MPa] < 0.4 to LM [PSI]	50.76	33.35	43.51	50.76	137.78	36.25	-
Application Temperature [°F]	41°F – 104°F	41°F – 104°F	41°F – 104°F	41°F – 104°F	41°F – 104°F	14°F – 122°F	41°F – 104°F
Temperature Resistance After Curing [°F]	-58°F – 356°F	-40°F – 212°F	-58°F – 302°F	-58°F – 302°F	-58°F – 194°F	-31°F – 185°F	-41°F – 302°F
Resistance to Mould	★	★★	★★	★★	★	★	★★
Paintability	●	●		●	★		★

## APPLICATION

Interior	★	★	★	★	★	★	★
Exterior	★	★	★	★	★	★	★
High Humidity Area Use	★	★	★	★	★		★
Glass	★	★	★	★	★	★	★
Tiles	★	★	★	★	★	★	★
Aluminium	★	★	★	★	★	★	★
Stainless Steel	★	★	★	★	★	★	★
Painted Metals	★	★	★	★	★		★
Metal Sheet	★	★	★	★	★	★	★
Wood	★	★	★	★	★	★	★
Plasterboard	●	●	★	★	★		★
Brick			★	★	★	★	★
Concrete	●	●	★	★	★	★	★
Stone (marble, granite)	●	●	●		★		●
Plastic	★	★	★	★	★	★	★
PVC	★	★	★	★	★	★	★
Acrylic				★	★		
Bituminous tar paper, materials	●	●	●			★	★

Neutral Silicone	Siliconized Acrylic	Siliconized Acrylic	Silicone	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane	MS Polymer	Dispersion Adhesive
0.99	1.03 - 1.05	1.32 - 1.35	1.00 - 1.04	1.31	1.48+/-0.02	1.36	1.30+/-0.02	1.32	1.67	1.45+/-0.05
2 - 4	1.5 - 2	1 - 1.5	2 - 3	3	3	4	3	4	5	-
5 - 10	25 - 40	20 - 25	5 - 15	up to 90	60-80	15	35	15	5 - 15	10 - 15
10 - 14	20 - 25	25 - 35	24 - 30	40	26	60	55	55	50	-
95 - 97%	100 - 600%	25 - 35%	95 - 99%	-	-	-	-	-	-	-
65.26 - 79.77	-	-	195.20-210.30	261.06	261.06	1305.33	1015.26	1305.05	435.11	-
+/- 20%	+/- 7 - 12.5%	+/- 12.5%	+/- 20%	-	+/- 25%					-
36.25	29.0 - 43.51	50.76 - 65.26	58.01 - 72.61	87.02	58.01	29.0		29.0	217.55	-
14°F – 122°F	41°F – 104°F	41°F – 104°F	41°F – 104°F	41°F – 95°F	41°F – 95°F	23°F – 104°F	23°F – 104°F	23°F – 104°F	41°F – 122°F	50°F – 86°F
-40°F – 300°F	-13°F – 140°F	-4°F – 176°F	-58°F – 500°F	-40°F – 176°F	-22°F – 176°F	-40°F – 212°F	-40°F – 194°F	-40°F – 212°F	-40°F – 194°F	-4°F – 140°F
★	★				★	★	★			
	★			★	★	★	★	★	★	★

100% (100%)										
★	★	★	★	★	★	★	★	★	★	★
★	★	★	★	★	★	★	★	★	★	★
★	★	●	★	★	★	★	★	★	★	
★	★	★	★		★	★	★	★	★	
★	★	★	★		★				★	
★	★	●	★	★		★	★	★	★	
★	★		★	★			★		★	
★	★		★	★	★		★		★	
★	★	●	★	★	★		★		★	
★	★	★	★	★					★	★
★	★	★	●	★						★
★	★	★	●	★	★				★	★
★	★	★	●	★	★				★	★
●	●	●			★					
★	★	★		●					★	
★	★	★	●	●					★	
									★	
	●	●	●	★						●



Selena USA, Inc.  
486 Century Lane  
Holland, MI 49423

phone: (616)994-8959  
fax: (616)994-8961  
toll free: (855) 44-TYTAN  
[www.TYTAN.com](http://www.TYTAN.com)  
[info@selenausa.com](mailto:info@selenausa.com)