



**STRONGER  
LIGHTER  
TOUGHER  
MEMBRANE  
STRUCTURE FABRIC**



**NovaShield®**



# MEMBRANE STRUCTURE FABRIC



## NOVASHIELD®... STRONG & LIGHT!

For over 20 years, IPG®'s NovaShield® has been the structure membrane of choice for applications such as sports & recreation, commercial, industrial, municipal, military and agricultural building solutions. Designed with purpose in mind, NovaShield offers you brute strength in a membrane exterior while affording you a light, airy appearance inside the structure. Backed by industry leading warranties, the NovaShield family of membrane structure products provides peace of mind for years to come.



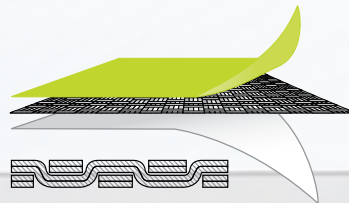
Get more info about  
IPG's Membrane  
Structure Fabric

## THE NOVASHIELD FAMILY OF PRODUCTS

As the need for membrane structures has grown and evolved, so has our line of products to meet the needs of each unique building solution. Our product line starts with the 200 Series of light weight membranes right up to our Flagship Elite and 460 Series.

## OUR HIGH STRENGTH WEAVE

NovaShield's exclusive double-stacked scrim is a unique weave design offering strength and durability that our competitors don't have. NovaShield is woven from high density polyethylene slit tapes and coated on both sides with low density polyethylene.



## PRODUCT APPLICATIONS

- Sports & Recreation Facilities
- Agriculture
- Aquaculture
- Commodity Storage
- Commercial/Industrial
- Entertainment/Events
- AND MUCH MORE

- California Fire Marshal (Listed)
- ASTM E84 (Class 1)
- NFPA 701 (Method 1 Method 2)
- CAN/ULC S-102
- CAN/ULC S-109 (Large and Small Scale)
- EN13501.1 (B.s1.d0)
- DIN4102 (B1)

# 3 WAYS NOVASHIELD IS SUSTAINABLE

## CRADLE TO CRADLE CERTIFIED®

### THE WORLD'S FIRST SUSTAINABLE STRUCTURE FABRIC SOLUTION

In August 2020, NovaShield Structure Membrane products were awarded **Cradle to Cradle Certified® Bronze Level**. Cradle to Cradle Certification is a rigorous auditing process across five critical performance categories. A product is assigned an achievement level (Bronze, Silver, Gold, Platinum) for each category. A product's lowest category achievement also represents its overall certification level.

The following NovaShield products have achieved the Bronze Certifications:

NovaShield® RB350	Green, White, Silver
NovaShield® RU88X-6 350	Green, White
NovaShield® RU88X-6 2.5mi	White, Clear
NovaShield® RB400	Green, White, Silver, Forest Green
NovaShield® FRU88X-6 400	Green, White, Grey, Sandstone, Blue
NovaShield® RU88X-6 400	Green, White, Blue, Beige, Red
NovaShield® RU88X-6 (FR) 400	White
NovaShield® RU88X-6 460	Green, White, Beige
NovaShield® FRU88X-6 460	Green, White, Grey, Sandstone, Blue
NovaShield® FRU ELITE	White (laminated)
NovaShield® RU ELITE	White (laminated)
NovaShield® RU88X-6 500	Green, White, Beige
NovaShield® FRU88X-6 500	Green, White, Opaque, Sandstone, Blue

NovaShield® FRUC8-6	White, Opaque, Black
NovaShield® RU8-6	Clear; anti-condensate
NovaShield® RU6-6	Clear; anti-condensate
NovaShield® FRUC6-6	White, Opaque, Black
NovaShield® FRUC210	Opaque Black
NovaShield® RU210	Clear; anti-condensate
NovaShield® RU210	White; Flame Retardant
NovaShield® RU8-6GH	White, Blue, Red, Tan
NovaShield® FRU8-6	Green, White, Olive Green, Beige
NovaShield® RU10-6	Green, White, Grey, Clear
NovaShield® RU214-6	White



For more information  
concerning Cradle  
to Cradle Certified  
Products



Cradle to Cradle Certified® is a registered trademark of the Cradle to Cradle Products Innovation Institute.

C2C Certified® Product Standard

# 3 WAYS NOVASHIELD IS SUSTAINABLE

## COOL ROOF PERFORMANCE

A cool roof reflects and emits the sun's solar energy back to the sky instead of absorbing and transferring heat to the building below.

"Coolness" is measured by two properties, solar reflectance and thermal emittance. Both properties are measured from 0 to 1 and the higher the value, the "cooler" the roof.

Solar reflectance index (SRI) is an indicator of how hot a material is likely to become in the sunshine. Standard black is 0 and standard white is 100.

BRAND & MODEL	PRODUCT TYPE	COLOR	SOLAR REFLECTANCE		THERMAL EMITTANCE		SRI	
			INITIAL	3 YEAR	INITIAL	3 YEAR	INITIAL	3 YEAR
Novashield RU88X-6 400 White	Single-ply	Bright White	0.80	0.72	0.86	0.84	99	87
Novashield FRU88X-6 400 White	Single-ply	Off-White	0.84	0.76	0.88	0.86	105	94

## ILLUMINANCE VALUES

### LESS LIGHTING REQUIRED = ENERGY SAVINGS

NovaShield provides you with a light, bright interior due to its exceptional translucency. In fact, during day light hours, the diffused light means you may not even need artificial lighting during the day.

*How much light do you require?*

Activity	Illuminance (Lux)
Warehouses, homes, theaters	150
Coffee break room, waiting rooms	200
Normal office work, auditoriums	500
Normal drawing work	1000
Detailed drawing work	1500-2000
Performance of very prolonged and exacting visual tasks	5000-20000

## NOVASHIELD 400 FR PLUS

FR products	% Reflectance			% Transmittance		
	UV	VIS	NIR	UV	VIS	NIR
White/White	12.2	90.7	80.2	0.0	6.4	11.5
Sandstone/White	10.6	64.8	75.3	0.0	2.7	9.3

White/White: 69,000 Lux | Sandstone/White: 7,000 Lux

## NOVASHIELD 400

Non-FR Products	% Reflectance			% Transmittance		
	UV	VIS	NIR	UV	VIS	NIR
Clear/Clear	18.2	35.0	31.2	26.0	61.8	61.8
White/White	11.0	86.4	74.5	0.0	10.7	16.4
Beige/White	10.2	62.2	66.6	0.0	8.2	18.7
Green/White	5.3	7.1	41.7	0.0	0.7	19.0
Blue/White	7.9	16.6	58.7	0.0	1.4	20.4

Clear/Clear: 95,000 Lux    Beige/White: 21,000 Lux    Blue/White: 1,700 Lux  
 White/White: 78,000 Lux    Green/White: 750 Lux

## STRONGER. LIGHTER. TOUGHER.

IPG's NovaShield products are a proven alternative to PVC. Along with superior performance, IPG has continued to raise the bar when it comes to quality.

Our state-of-the-art **vision** system detects defects while the fabric is still on the roll during the manufacturing process.

NovaShield has fully committed to creating products that are PVC free due to the following reasons:

- NovaShield products do not promote mold/fungal growth.
- NovaShield does not require a top coating.
- NovaShield does not require a solvent to clean the fabric, only soap and water.
- Greater light transmission than other products, creating a brighter interior with the need for less lighting during daylight hours.
- NovaShield has greater cold crack resistance than many other products.
- NovaShield costs less per square foot versus many equal performing or competing products.
- The cost of a NovaShield cover can be less compared to other products due to less seams required and faster conversion rates that ultimately lower the cost of manufacturing the building cover.



## STRUCTURE REPAIR TAPE

We are now offering our NovaShield Structure Repair Tape in white, green and beige. Also available in flame retardant (white only).



## ELITE

with



Property	ASTM	Typical Performance
Base Fabric		HDPE
Coating		Armorkote Film Coating
Weight oz/sq yd (gsm)	D5261	13.8
Thickness mils (mm)	D1777	26 (0.66)
Grab Tensile lb (N)	D5034	Warp 480 (2131) Weft 420 (1865)
Strip Tensile lb/in (N/5cm)	D5035	Warp 290 (2575) Weft 260 (2308)
Tongue Tear lb (N)	D2261	Warp 90 (400) Weft 85 (377)
Trapezoidal Tear lb (N)	D4533	Warp 90 (399) Weft 85 (377)
Mullen Burst psi (kPa)	D3786	680 (4685)
Accelerated UV Weathering % Retained Strength	G154	100
Low Temperature Bend °C	D2136	-65

NovaShield Elite is our heavyweight 13.8 oz non-FR fabric. With an advanced platform, Elite is the result of five years of research & development, ensuring we created a product that meets today's demands.

Recommended Applications: Commercial Agriculture Structures, Sports & Recreation Facilities, Public Works Buildings, Truck Shops, Maintenance Buildings, and Entertainment/Event Structures

Warranty: 20 year limited warranty



### AVAILABLE COLORS



# FLAME RETARDANT

## ELITE FR PLUS

with



NovaShield Elite FR Plus is our heavyweight 13.8 oz fabric with our highest level of flame retardant membrane. With an advanced platform, Elite is the result of five years of research & development, ensuring we created a product that meets today's demands.

Recommended Applications: Commercial Agriculture Structures, Sports & Recreation Facilities, Public Works Buildings, Truck Shops, Maintenance Buildings, and Entertainment/Event Structures

Warranty: 20 year limited warranty



Property	ASTM	Typical Performance
Base Fabric		HDPE
Coating		Armorkote + LDPE + FR
Weight oz/sq yd (gsm)	D5261	13.8
Thickness mils (mm)	D1777	26 (0.66)
Grab Tensile lb (N)	D5034	Warp 430 (1909) Weft 400 (1776)
Strip Tensile lb/in (N/5cm)	D5035	Warp 265 (2353) Weft 250 (2220)
Tongue Tear lb (N)	D2261	Warp 100 (444) Weft 90 (400)
Trapezoidal Tear lb (N)	D4533	Warp 85 (377) Weft 85 (377)
Mullen Burst psi (kPa)	D3786	665 (4582)
Accelerated UV Weathering % Retained Strength	G154	100
Low Temperature Bend °C	D2136	-65

### AVAILABLE COLORS



## 460 RU

with



Property	ASTM	Typical Performance
Base Fabric		HDPE
Coating		Armorkote
Weight oz/sq yd (gsm)	D5261	13.5
Thickness mils (mm)	D1777	26 (0.66)
Grab Tensile lb (N)	D5034	Warp 470 (2086) Weft 400 (1776)
Strip Tensile lb/in (N/5cm)	D5035	Warp 280 (2486) Weft 245 (2175)
Tongue Tear lb (N)	D2261	Warp 95 (421) Weft 80 (355)
Trapezoidal Tear lb (N)	D4533	Warp 80 (355) Weft 80 (355)
Mullen Burst psi (kPa)	D3786	670 (4616)
Accelerated UV Weathering % Retained Strength	G154	>90

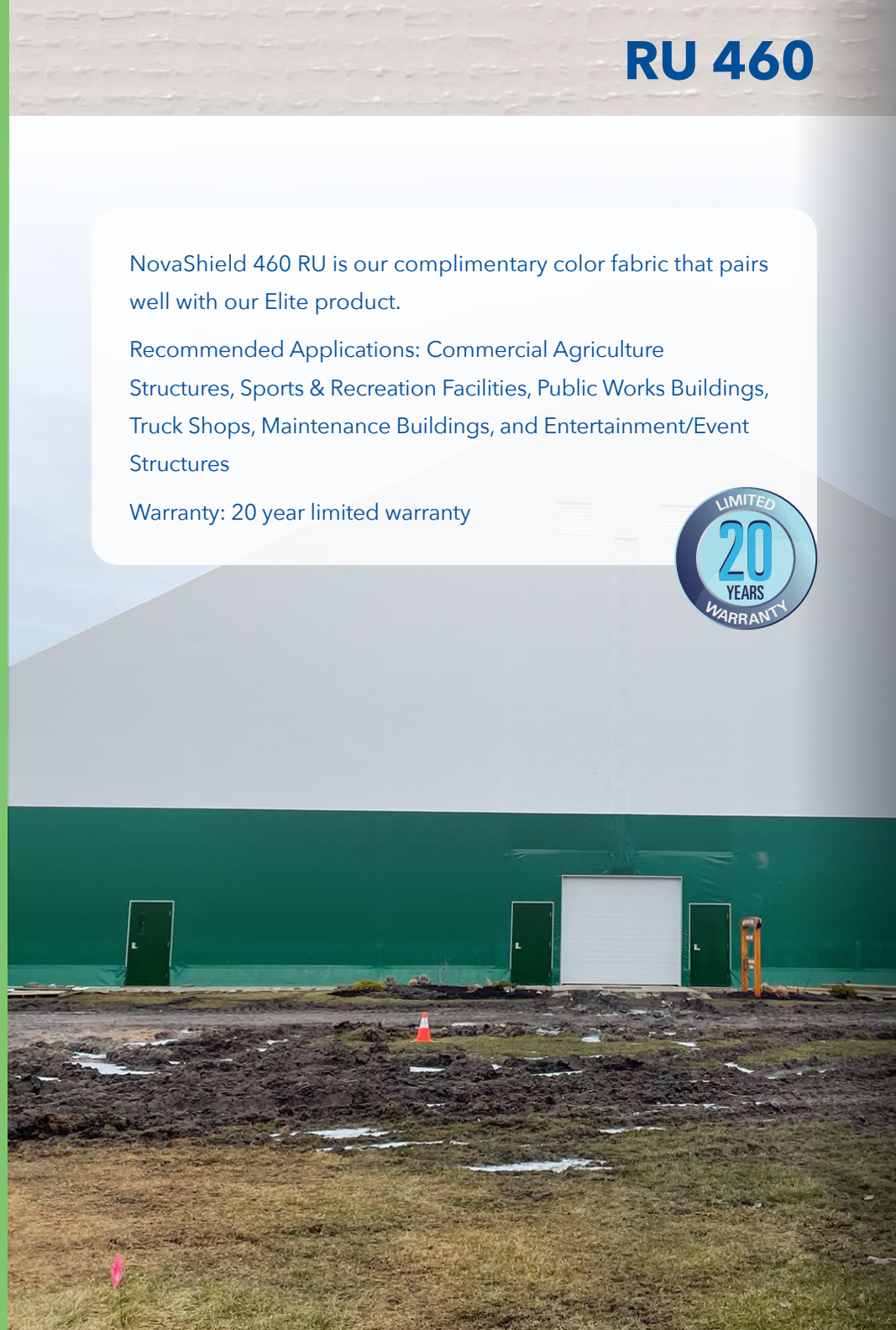
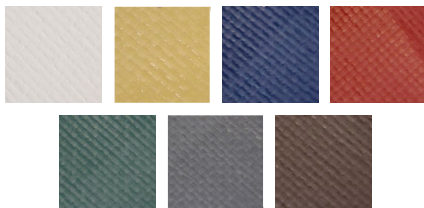
NovaShield 460 RU is our complimentary color fabric that pairs well with our Elite product.

Recommended Applications: Commercial Agriculture Structures, Sports & Recreation Facilities, Public Works Buildings, Truck Shops, Maintenance Buildings, and Entertainment/Event Structures

Warranty: 20 year limited warranty



### AVAILABLE COLORS





# FLAME RETARDANT

NovaShield 460 FR Plus is our complimentary color fabric that pairs well with our Elite FR Plus product.

Recommended Applications: Commercial Agriculture Structures, Sports & Recreation Facilities, Public Works Buildings, Truck Shops, Maintenance Buildings, and Entertainment/Event Structures

Warranty: 20 year limited warranty



## 460 FR Plus

with



Property	ASTM	Typical Performance
Base Fabric		HDPE + FR/UV
Coating		Armorkote + LDPE + FR
Weight oz/sq yd (gsm)	D5261	13.5
Thickness mils (mm)	D1777	25 (0.64)
Grab Tensile lb (N)	D5034	Warp 470 (2086) Weft 400 (1776)
Strip Tensile lb/in (N/5cm)	D5035	Warp 280 (2486) Weft 245 (2175)
Tongue Tear lb (N)	D2261	Warp 90 (400) Weft 80 (355)
Trapezoidal Tear lb (N)	D4533	Warp 85 (377) Weft 80 (355)
Mullen Burst psi (kPa)	D3786	670 (4616)
Accelerated UV Weathering % Retained Strength	G154	>90

### AVAILABLE COLORS



# FLAME RETARDANT

## 400 FR Plus (FRU88X-6)



Property	ASTM	Typical Performance
Base Fabric		HDPE + FR/UV
Coating		Armorkote + LDPE + FR
Weight oz/sq yd (gsm)	D5261	12.4 (420)
Thickness mils (mm)	D1777	23 (0.59)
Grab Tensile lb (N)	D5034	Warp 410 (1820) / Weft 395 (1754)
Strip Tensile lb/in (N/5cm)	D5035	Warp 275 (2442) / Weft 250 (2220)
Tongue Tear lb (N)	D2261	Warp 125 (555) / Weft 110 (489)
Trapezoidal Tear lb (N)	D4533	Warp 125 (555) / Weft 90 (400)
Mullen Burst psi (kPa)	D3786	675 (4650)
Accelerated UV Weathering % Retained Strength	G154	100
Accelerated Natural Weathering % Retained Strength	G90	>90
Low Temperature Bend °C	D2136	-60

### AVAILABLE COLORS



NovaShield 400 FR Plus is our 12.4 oz. fabric with flame retardant protection in both the scrim and the fabric coating. This fabric is built to withstand the natural elements of time with long-term UV protection and superior abrasion resistance with our Armorkote recipe. The scrim is produced using IPG's special weaving pattern that enhances flatness and tear properties.

Recommended Applications: Entertainment Complexes, Manufacturing Facilities, Recreational Arenas, Aviation Hangars

Warranty: 15 year limited warranty



# FLAME RETARDANT

NovaShield RU88X-6 (FR) is our 12.0 oz. fabric with a flame retardant coating and regular scrim. This fabric is built to withstand the natural elements of time with long-term UV protection and superior abrasion resistance with our Armorkote recipe. The scrim is produced using IPG's special weaving pattern that enhances flatness and tear properties.

Recommended Applications: Agricultural Buildings, Manufacturing Facilities and Warehouses, Marine Storage, Mining

Warranty: 15 year limited warranty



## 400 FR (RU88X-6(FR))

with



Property	ASTM	Typical Performance
Base Fabric		HDPE
Coating		Armorkote + LDPE + FR
Weight oz/sq yd (gsm)	D5261	12.0 (407)
Thickness mils (mm)	D1777	23 (0.59)
Grab Tensile lb (N)	D5034	Warp 445 (1975) / Weft 385 (1709)
Strip Tensile lb/in (N/5cm)	D5035	Warp 280 (2486) / Weft 240 (2131)
Tongue Tear lb (N)	D2261	Warp 115 (510) / Weft 110 (488)
Trapezoidal Tear lb (N)	D4533	Warp 95 (422) / Weft 90 (400)
Mullen Burst psi (kPa)	D3786	680 (4685)
Accelerated UV Weathering % Retained Strength	G154	100
Low Temperature Bend °C	D2136	-60

### AVAILABLE COLORS

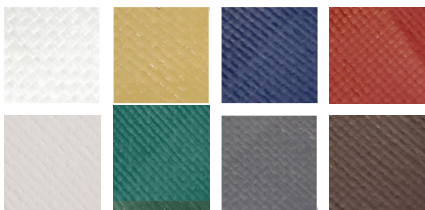


## 400 (RU88X-6)



Property	ASTM	Typical Performance
Base Fabric		HDPE
Coating		Armorkote + LDPE
Weight oz/sq yd (gsm)	D5261	12.0 (407)
Thickness mils (mm)	D1777	23 (0.59)
Grab Tensile lb (N)	D5034	Warp 445 (1975) / Weft 385 (1709)
Strip Tensile lb/in (N/5cm)	D5035	Warp 280 (2486) / Weft 240 (2131)
Tongue Tear lb (N)	D2261	Warp 115 (510) / Weft 110 (488)
Trapezoidal Tear lb (N)	D4533	Warp 95 (422) / Weft 90 (400)
Mullen Burst psi (kPa)	D3786	680 (4685)
Accelerated UV Weathering % Retained Strength	G154	100
Accelerated Natural Weathering % Retained Strength	G90	>80
Low Temperature Bend °C	D2136	-60

### AVAILABLE COLORS



NovaShield 400 is our heavyweight 12.0 oz. structure fabric. This fabric is built to withstand the natural elements of time with long-term UV resistance and is enhanced with our Armorkote recipe for superior abrasion protection. The scrim is produced using IPG's special weaving pattern to enhance flatness and tear properties.

Recommended Applications: Agricultural Buildings, Salt & Sand Storage, Equipment Storage

Warranty: 15 year limited warranty



# STANDARD

NovaShield RU88X-6 350 is our heavyweight 10.5 oz. fabric for applications requiring superior performance and UV stability. The scrim is produced using IPG's special weaving pattern to enhance abrasion resistance and tear properties. This fabric is great for smaller applications where translucence and aesthetic appearance are a priority.

Recommended Applications: Agriculture, Commercial and Utility Structures

Warranty: 7 year limited warranty



## RU88X-6 350

with



Property	ASTM	Typical Performance
Base Fabric		HDPE
Coating		Armorkote + LDPE
Weight oz/sq yd (gsm)	D5261	10.5 (356)
Thickness mils (mm)	D1777	20 (0.50)
Grab Tensile lb (N)	D5034	Warp 400 (1776) / Weft 400 (1776)
Strip Tensile lb/in (N/5cm)	D5035	Warp 250 (2220) / Weft 250 (2220)
Tongue Tear lb (N)	D2261	Warp 125 (555) / Weft 125 (555)
Trapezoidal Tear lb (N)	D4533	Warp 125 (555) / Weft 120 (532)
Mullen Burst psi (kPa)	D3786	655 (4512)
Accelerated UV Weathering % Retained Strength	G154	>90
Low Temperature Bend °C	D2136	-60

### AVAILABLE COLORS



## RB88X-6 350



Property	ASTM	Typical Performance
Base Fabric		Black HDPE
Coating		Armorkote + LDPE
Weight oz/sq yd (gsm)	D5261	10.5 (356)
Thickness mils (mm)	D1777	20 (0.50)
Grab Tensile lb (N)	D5034	Warp 360 (1598) / Weft 360 (1598)
Strip Tensile lb/in (N/5cm)	D5035	Warp 240 (2131) / Weft 270 (2398)
Tongue Tear lb (N)	D2261	Warp 140 (622) / Weft 160 (710)
Trapezoidal Tear lb (N)	D4533	Warp 140 (622) / Weft 140 (622)
Mullen Burst psi (kPa)	D3786	720 (4960)
Accelerated UV Weathering % Retained Strength	G154	>90
Low Temperature Bend °C	D2136	-60

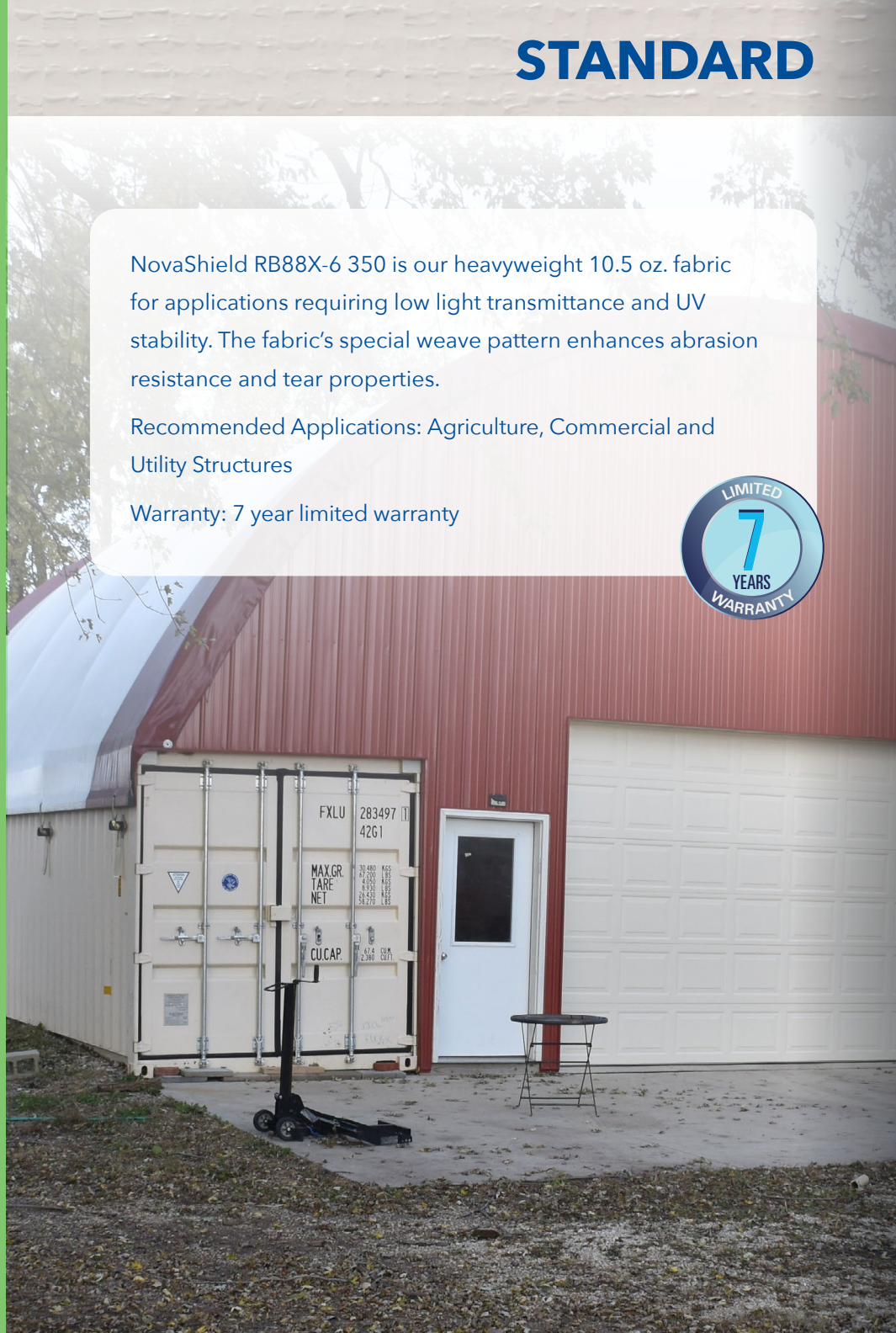
NovaShield RB88X-6 350 is our heavyweight 10.5 oz. fabric for applications requiring low light transmittance and UV stability. The fabric's special weave pattern enhances abrasion resistance and tear properties.

Recommended Applications: Agriculture, Commercial and Utility Structures

Warranty: 7 year limited warranty



### AVAILABLE COLORS



# SMALL SCALE STRUCTURES

**RU10-6 250**

with



NovaShield RU10-6 is our medium weight 7.3 oz. premium coated woven fabric with enhanced UV protection for use in applications that demand superior performance.

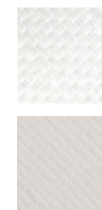
Recommended Applications: Event Tents, Scaffold Shelters, Portable Garages, Shade Structures, Greenhouses

Warranty: 5 year limited warranty



Property	ASTM	Typical Performance
Base Fabric		Clear HDPE
Coating		Armorkote + LDPE
Weight oz/sq yd (gsm)	D5261	7.3 (247)
Thickness mils (mm)	D1777	16 (0.40)
Grab Tensile lb (N)	D5034	Warp 230 (1021) / Weft 220 (976)
Strip Tensile lb/in (N/5cm)	D5035	Warp 150 (1332) / Weft 140 (1243)
Tongue Tear lb (N)	D2261	Warp 65 (288) / Weft 65 (288)
Trapezoidal Tear lb (N)	D4533	Warp 60 (266) / Weft 55 (244)
Mullen Burst psi (kPa)	D3786	415 (2859)
Accelerated UV Weathering % Retained Strength	G154	>80
Light Transmittance on Clear/Clear %	D1003	>80

## AVAILABLE COLORS



# SMALL SCALE STRUCTURES

## RB10-6 250

with



Property	ASTM	Typical Performance
Base Fabric		Black HDPE
Coating		Armorkote + LDPE
Weight oz/sq yd (gsm)	D5261	7.3 (247)
Thickness mils (mm)	D1777	16 (0.40)
Grab Tensile lb (N)	D5034	Warp 200 (888) / Weft 175 (777)
Strip Tensile lb/in (N/5cm)	D5035	Warp 140 (1243) / Weft 130 (1154)
Tongue Tear lb (N)	D2261	Warp 62 (266) / Weft 60 (266)
Trapezoidal Tear lb (N)	D4533	Warp 60 (266) / Weft 50 (222)
Mullen Burst psi (kPa)	D3786	350 (2411)
Accelerated UV Weathering % Retained Strength	G154	>80

### AVAILABLE COLORS



NovaShield RB10-6 is our medium weight 7.3 oz. woven coated black scrim fabric with enhanced UV protection. Ideal for applications requiring low light transmittance such as agricultural uses.

Recommended Applications: Portable Garages, Car Ports, Boat Shelters, Agricultural Curtains

Warranty: 5 year limited warranty





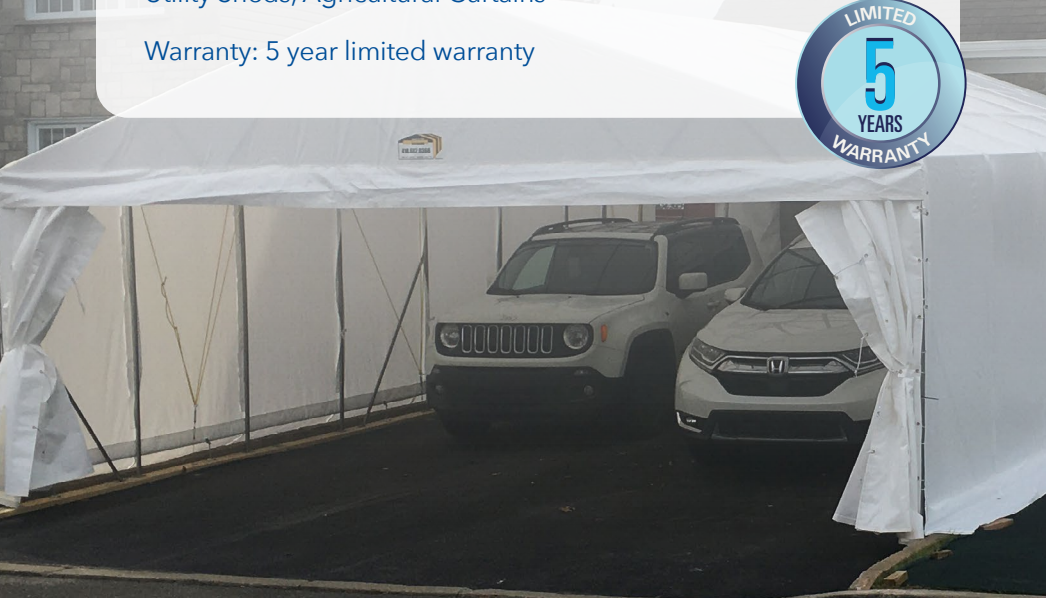
# SMALL SCALE STRUCTURES

## RU8-6 200

NovaShield RU8-6 is our lightweight 6.0 oz. woven coated clear scrim fabric with enhanced UV protection. This fabric is ideal for applications requiring portability and lightweight features, as well as strength to withstand northern winters.

Recommended Applications: Greenhouses, Portable Garages, Utility Sheds, Agricultural Curtains

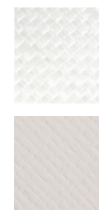
Warranty: 5 year limited warranty



Property	ASTM	Typical Performance
Base Fabric		Clear HDPE
Coating		LDPE
Weight oz/sq yd (gsm)	D5261	6.0 (203)
Thickness mils (mm)	D1777	12 (0.30)
Grab Tensile lb (N)	D5034	Warp 220 (977) / Weft 175 (777)
Tongue Tear lb (N)	D2261	Warp 65 (288) / Weft 65 (288)
Trapezoidal Tear lb (N)	D4533	Warp 65 (288) / Weft 75 (333)
Mullen Burst psi (kPa)	D3786	370 (2549)
Accelerated UV Weathering % Retained Strength	G154	>80
Light Transmittance on Clear/Clear %	D1003	>82

Also available with flame retardant properties (FRU8-6) to meet local building code requirements.

### AVAILABLE COLORS



## FRU8-6 TL



Property	ASTM	Typical Performance
Base Fabric		HDPE + FR
Coating		Armorkote + LDPE
Weight oz/sq yd (gsm)	D5261	7.4 (252)
Thickness mils (mm)	D1777	12 (0.30)
Grab Tensile lb (N)	D5034	Warp 250 (1110) / Weft 208 (923)
Strip Tensile lb/in (N/5cm)	D5035	Warp 170 (1509) / Weft 135 (1199)
Tongue Tear lb (N)	D2261	Warp 70 (310) / Weft 75 (333)
Trapezoidal Tear lb (N)	D4533	Warp 75 (333) / Weft 60 (266)
Mullen Burst psi (kPa)	D3786	370 (2549)
Accelerated UV Weathering % Retained Strength	G154	>80

NovaShield FRU8-6 TL is our medium weight 7.4 oz. woven coated scrim fabric with flame retardancy. Makes for faster installations and fabrication of the sidewall.

Recommended Applications: Tent Sidewalls and Interior Divider Walls

Warranty: 5 year limited warranty



### AVAILABLE COLORS



# TENTS

## FRU210 TL

with



NovaShield FRU210 TL is our lightweight 4.9 oz. woven coated clear scrim fabric with enhanced UV protection and flame retardancy. Makes for faster installations and fabrication of the sidewall.

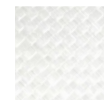
Recommended Applications: Tent Sidewalls and Interior Divider Walls

Warranty: 5 year limited warranty



Property	ASTM	Typical Performance
Base Fabric		HDPE + FR/UV
Coating		Amrorkote + LDPE
Weight oz/sq yd (gsm)	D5261	4.9 (168)
Thickness mils (mm)	D1777	10
Grab Tensile lb (N)	D5034	Warp 160 (1465) / Weft 140 (l)
Strip Tensile lb/in (N/5cm)	D5035	Warp 120 (1065) / Weft 100 (888)
Tongue Tear lb (N)	D2261	Warp 45 (200) / Weft 45 (200)
Trapezoidal Tear lb (N)	D4533	Warp 40 (177) / Weft 30 (133)
Mullen Burst psi (kPa)	D3786	290 (1998)
Accelerated UV Weathering % Retained Strength	G154	>80

### AVAILABLE COLORS



# STRUCTURE LINER

## FRU8-6 TL Liner



Property	ASTM	Typical Performance
Base Fabric		HDPE
Coating		Armorkote
Weight oz/sq yd (gsm)	D5261	7.4 (252)
Thickness mils (mm)	D1777	12 (0.30)
Grab Tensile lb (N)	D5034	Warp 250 (1110) / Weft 208 (923)
Strip Tensile lb/in (N/5cm)	D5035	Warp 170 (1509) / Weft 135 (1100)
Tongue Tear lb (N)	D2261	Warp 70 (310) / Weft 75 (333)
Trapezoidal Tear lb (N)	D4533	Warp 75 (333) / Weft 60 (266)
Mullen Burst psi (kPa)	D3786	370 (2549)
Accelerated UV Weathering % Retained Strength	G154	>80

### AVAILABLE COLORS



NovaShield FRU8-6 TL is our medium weight 7.4 oz. woven coated scrim fabric that is specifically used for interior liners. Makes for faster installations thanks to its lightweight fabric.

Recommended Applications: Interior Liner and Divider Curtain

Warranty: 5 year limited warranty



# NOVASHIELD APPLICATIONS

## AGRICULTURE



BriteSpan Building Systems Inc



BriteSpan Building Systems Inc



Accu-Steel Fabric Covered Buildings



Accu-Steel Fabric Covered Buildings



Calhoun Super Structure



GNB Global



Accu-Steel Fabric Covered Buildings



Accu-Steel Fabric Covered Buildings



GNB Global

# NOVASHIELD APPLICATIONS

## COMMERCIAL/INDUSTRIAL



GNB Global



MegaDome



Calhoun Super Structure/Hybrid Building Solutions



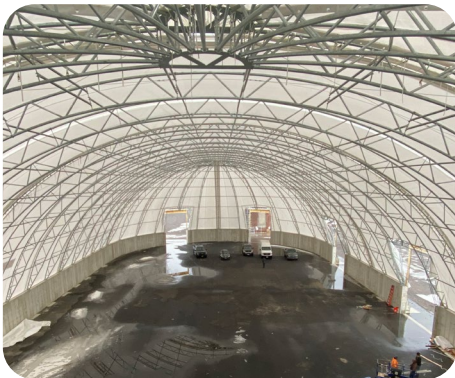
Calhoun Super Structure



BriteSpan Building Systems Inc



GNB Global



Bulk Storage Inc



Calhoun Super Structure/Hybrid Building Solutions



GNB Global

# NOVASHIELD APPLICATIONS

## RECREATIONAL STRUCTURES



BriteSpan Building Systems Inc



GNB Global



Norseman Structures



GNB Global



Vision Building Rentals



Vision Building Rentals

## REFRESH YOUR STRUCTURE!

After many years of service there eventually comes a time you may want to replace or renew your Building's cover. This is the opportunity to change your building's color, size or move to a more Environmentally Friendly, PVC Free option. NovaShield Membrane Structure products offer a 15 or 20 year warranty so that this will most likely be the last cover you ever need.

### BEFORE



### AFTER

## NORTH AMERICA

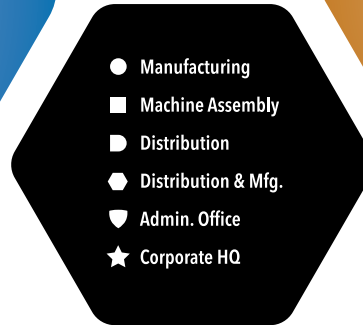
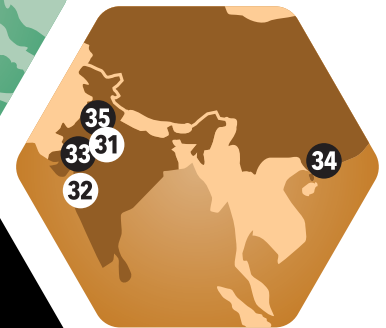
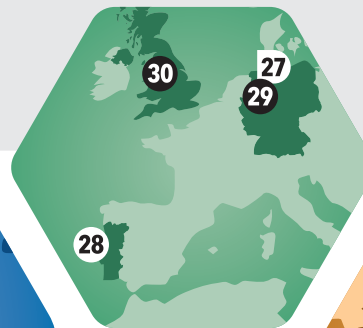
- |                      |                   |                    |
|----------------------|-------------------|--------------------|
| 1. Ansonia, CT       | 9. Carrollton, TX | 16. Marysville, MI |
| 2. Atlanta, GA       | 10. Chicago, IL   | 17. Menasha, WI    |
| 3. Bardstown, KY (2) | 11. Corona, CA    | 18. Midland, NC    |
| 5. Blythewood, SC    | 12. Cornwall, ON  | 19. Montreal, QC   |
| 6. Brighton, CO      | 13. Danville, VA  | 20. Salisbury, NC  |
| 7. Carbondale, IL    | 14. Delta, BC     | 21. Sarasota, FL   |
| 8. Carlstadt, NJ     | 15. Everetts, NC  | 22. Schaumburg, IL |

## EUROPE

- |                        |
|------------------------|
| 27. Flensburg, Germany |
| 28. Porto, Portugal    |
| 29. Soest, Germany     |
| 30. Widnes, UK         |

## ASIA

- |                          |
|--------------------------|
| 31. Chopanki, India      |
| 32. Daman, India         |
| 33. Dahej, India         |
| 34. Jiangmen City, China |
| 35. Karoli, India        |



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