



Johns Manville

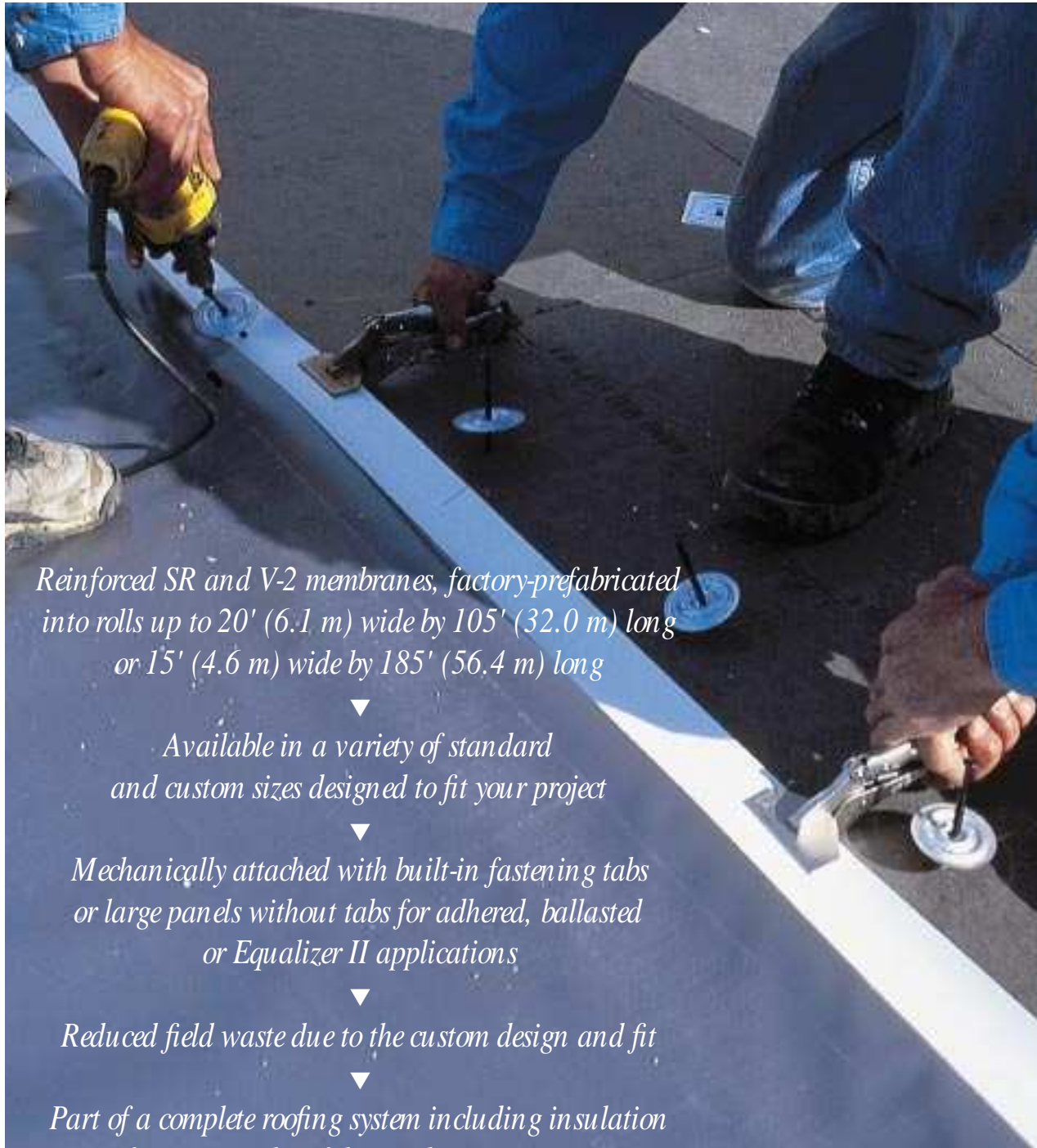


Your competitive  
advantage just got  
**WIDER**

**UltraGard<sup>®</sup>**  
Single Ply Roofing Systems

# UltraGard Prefabricated Panels:

The *bigger* the sheet,  
the *faster* it goes down.



*Reinforced SR and V-2 membranes, factory-prefabricated into rolls up to 20' (6.1 m) wide by 105' (32.0 m) long or 15' (4.6 m) wide by 185' (56.4 m) long*

▼  
*Available in a variety of standard and custom sizes designed to fit your project*

▼  
*Mechanically attached with built-in fastening tabs or large panels without tabs for adhered, ballasted or Equalizer II applications*

▼  
*Reduced field waste due to the custom design and fit*

▼  
*Part of a complete roofing system including insulation fasteners and prefabricated accessories — all from a single source*

# Up to 20 percent savings in labor time.

*Time is money. And time saved is money saved for both contractors and owners. With the new UltraGard prefabricated single ply PVC roofing membrane, contractors are reporting as much as 20 percent savings in labor time. And that means more money to the bottom line.*

UP TO 75 PERCENT  
FEWER FIELD WELDS.

The reason contractors are saving so much labor time is that most of the seaming is already done in the factory. With the advanced technology of dielectric welding, it's now possible for contractors to cover over 2000 square feet (186 sq. meters) without a single field weld. This makes the system ideal for either new construction or recover applications. On larger roofs, these big sheets can save up to 75 percent of the seaming common to conventional small-roll thermoplastic systems.

On a 100,000 square-foot (9,290 sq. meters) job, a contractor might expect to do about 3.5 miles (5.6 kms.)

of field seams with a standard 6' (1.8 m) wide roll system. With UltraGard prefabricated PVC membranes, field seaming could be reduced to less than one mile (1.6 kms.).

Of course, with the UltraGard PVC membrane, what little seaming that needs to be done on site is quickly and easily accomplished with automatic or hand-held heat welding equipment, creating even further efficiencies.

That means a contractor can not only put more to the bottom line, but can now be more competitive with pricing, and increase the company's capability to meet aggressive construction schedules.



CUSTOM PLANNED  
AND CUSTOM SIZED.

One of the greatest time-saving features of the UltraGard prefabricated system is that rolls can be made into sizes that best fit the needs of the building they will cover. If, for instance, two rows of skylights or HVAC units require a 16' (4.9 m) wide roll between them, or the building requires a roll only 87' (26.5 m) long, the prefabricated sheets will be made according to the accepted roof drawing. This will not only speed installation time, but will also reduce waste.

Working with the contractor, our computer aided design (CAD) department will prepare a custom layout to be sent with every order. Rolls are engineered to utilize the largest size possible and labeled to correspond to the layout. These panels are then placed in the predetermined locations by the contractor when the membrane is loaded onto the roof.

FACTORY WELDS MEAN  
FEWER CALLBACKS.

Johns Manville now produces smooth, state-of-the-art, prefabricated single ply sheets on the world's first computer-controlled, movable dielectric welding assembly lines. The process assures the best possible membrane weld, protecting the contractor against the number one reason for callbacks: leaks from improperly completed field seams.

Johns Manville also manufactures prefabricated accessories such as flashings, pipe boots, inside and outside corners, scuppers and drain sleeves. Every roof is unique, so the design and fabrication of these accessory details is extremely important for leak-proof integrity. Prefabrication significantly reduces the need for on-roof workmanship in less than friendly weather conditions for a more professional and reliable installation.



# Products built to preserve your competitive edge and assure performance.

*Not only does the new prefabrication technology make it possible for roofing professionals to put down roofing in less time than ever before, contractors can also be sure the roof will endure, even in the harshest environments.*

The standard prefabricated products are available in our entire line of 50 mil and 60 mil (1.3 mm and 1.5 mm) reinforced PVC-based membranes:

- SR-50
- SR-60
- V-2 50
- V-2 60

As with all UltraGard PVC systems, the membrane panels and accessories are hot air welded in the field providing a monolithic system that is impervious to moisture.

The PVC product is a polyester reinforced membrane with tough hot-air-welded seams for which no



asphalt or open flame is required. The membranes are light in weight, yet five times more puncture and tear-resistant than other nonreinforced sheets for excellent durability and dimensional stability. This makes them ideal for

either new construction or recover applications.

Of course, every product run is tested to assure that it meets our exacting standards of quality, color and finish. Tear, peel and tensile strength are all tested in our process labs to assure that the membrane qualifies to carry the Johns Manville UltraGard name. In addition, the UltraGard single ply roofing systems have received the appropriate agency approvals from Factory Mutual, UL, UBC and most local building codes such as Metropolitan Dade County, Florida.

75" (1.91M) PREFABRICATED SHEETS WITH 5" (125MM) TABS 1" (25MM) WELDS USING 75" (1.91M) ONLY						75" (1.91M) PREFABRICATED SHEETS WITHOUT TABS 1" (25MM) WELDS USING 75" (1.91M) ONLY					
20' (6.1 m) WIDE ROLLS			15' (4.6 m) WIDE ROLLS			20' (6.1 m) WIDE ROLLS			15' (4.6 m) WIDE ROLLS		
NO. OF PANELS	ASSEMBLED FEET	LENGTH METERS	NO. OF PANELS	ASSEMBLED FEET	LENGTH METERS	NO. OF PANELS	ASSEMBLED FEET	LENGTH METERS	NO. OF PANELS	ASSEMBLED FEET	LENGTH METERS
1	6'-3"	1.91	19	111'-3"	33.93	1	6'-3"	1.91	18	111'-1"	33.88
2	12'-1"	3.69	20	117'-1"	35.71	2	12'-5"	3.79	19	117'-3"	35.76
3	17'-11"	5.46	21	122'-11"	37.49	3	18'-7"	5.67	20	123'-5"	37.64
4	23'-9"	7.24	22	128'-9"	39.27	4	24'-9"	7.55	21	129'-7"	39.52
5	29'-7"	9.02	23	134'-7"	41.05	5	30'-11"	9.43	22	135'-9"	41.40
6	35'-5"	10.80	24	140'-5"	42.83	6	37'-1"	11.31	23	141'-11"	43.28
7	41'-3"	12.58	25	146'-3"	44.61	7	43'-3"	13.19	24	148'-1"	45.17
8	47'-1"	14.36	26	152'-1"	46.39	8	49'-5"	15.07	25	154'-3"	47.05
9	52'-11"	16.14	27	157'-11"	48.16	9	55'-7"	16.95	26	160'-5"	48.93
10	58'-9"	17.92	28	163'-9"	49.94	10	61'-9"	18.83	27	166'-7"	50.81
11	64'-7"	19.70	29	169'-7"	51.72	11	67'-11"	20.71	28	172'-9"	52.69
12	70'-5"	21.48	30	175'-5"	53.50	12	74'-1"	22.60	29	178'-11"	54.57
13	76'-3"	23.26				13	80'-3"	24.48	30	185'-1"	56.45
14	82'-1"	25.04				14	86'-5"	26.36			
15	87'-11"	26.81				15	92'-7"	28.24			
16	93'-9"	28.59				16	98'-9"	30.12			
17	99'-7"	30.37				17	104'-11"	32.00			
18	105'-5"	32.15									

# From the world leader in commercial roofing systems: JM

*No other company is so committed to being your single source for every product and every service you need to install a complete roofing system in the most efficient and effective manner possible.*

## TOTAL SOLUTIONS — FROM A SINGLE SOURCE .

From insulation and membranes to adhesives, fastening systems and accessories, you name it, JM offers it. And if it can be prefabricated, we'll prefabricate it.

## FULL SERVICE .

The most advanced materials available are only as effective as the quality of their installation. That's why Johns Manville provides technical assistance in every phase of an UltraGard single ply roofing system installation, from planning through completion.

Extensive, on-roof training is provided for every new applicator. The contractor is instructed on procedures and requirements and shown, first hand, the use of UltraGard accessories, hot-air welding techniques, and fastener installation. The technician will not leave the roof prior to being completely satisfied that the contractor has the knowledge and ability to install the UltraGard prefabricated system correctly.

Every UltraGard single ply installation requiring a labor and material warranty is rigorously inspected to verify that proper installation procedures and specifications were followed. When finished and approved for the Johns Manville Guarantee, the roof has experienced one of the most exhaustive inspections in the roofing industry.



## A TOTAL COMMITMENT TO RESEARCH AND DEVELOPMENT .

At Johns Manville, the status quo is good, but it's not good enough. Product improvement and new product development are ongoing endeavors in order to bring contractors even better systems in the future. The ability to design compounds in world-class labs, produce prototype membranes on our complete array of laboratory equipment gives JM an R&D advantage second to none.

## THE MOST COMPREHENSIVE GUARANTEE IN THE INDUSTRY .

There are several Johns Manville signature guarantees available for single ply membrane systems, offering up to 15 years in total coverage (labor and materials) when installed in accordance with JM specifications. What makes the guarantee meaningful is the quality of the roof system it covers, plus the strength, resources and experience of the company behind it.

Perhaps the most important factor about a JM roofing system guarantee is that it is truly a total system guarantee, covering all the Johns Manville products in the system — not just the membrane, but the insulation, the fascia, the drains and other JM accessories.

## THE COMPANY BEHIND THE GUARANTEE .

The company that was to become Johns Manville got its start in New York in 1858. Now, more than 140 years later, JM is the largest manufacturer of PVC-based thermoplastic membranes



in North America, and one of the very, very few to offer the time-saving prefabrication described here. JM is also a leading manufacturer

and marketer of premium quality insulation and other building products, operating about 50 manufacturing facilities in North America, Europe and China.

The core values at the heart of the JM business philosophy are people, safety, ethics and the environment. This is the company that stands behind the JM Guarantee.

