

# Prefacril® Membrane

Acrylic Membrane Adhesive System PREFACRIL®

**8** years  
MINIMUM  
LIFE  
GUARANTEE

Reaches up to:  
**107 square feet**

Colors

## Description:

**Prefacril® Membrane** is a prefabricated waterproofing acrylic mat, formulated with synthetic polymers and thermal ceramic particles, pigments and additives. It has a strong and flexible polyester fiber layer.

## Benefits:

- It is flexible, waterproofing and has better resistance than traditional acrylic waterproofing systems.
- Cold applied system through a water based adhesive.
- Factory controlled uniform thickness.
- Contains ceramic particles that reflect sunlight (white).
- No special equipment is required for installation.
- Immediate protection, it does not wash out if the application is interrupted by an unexpected rain.

## Uses:

It waterproofs any type of structure with no critical thermal structural movements, housing and institutional buildings, warehouses, industrial, commercial facilities and homes.

**Prefacril® Adhesive** provides an adhesive bonding between the **Prefacril® Membrane** and the most common construction materials such as concrete, cement, polystyrene plates and sheet metal roofs.

## Storage:

Store in cool, dry place . It must be stowed horizontally, where the ambient temperature does not exceed 104 °F.

Prevent damage during shipping and handling. Do not place heavy objects on them . Keep the packagin and center board dry.



TEST	VALUE	STANDARD
Thickness	18 – 22 mils inches	
Measure	3.44 feet X 34.5 feet	
Appearance	Flexible membrane.	
Elongation	>100 % (longitudinal and transverse)	ASTM D-2370
Tension	>300 PSI (longitudinal and transverse)	ASTM D-2370
Bending at 5 °F	Positive	ASTM D-522
Permeability	< 50 perms	ASTM D-1653
Coverage	110 sq. ft. per roll	
Color	White and Red	

**Update:** February/15/2016. These technical specifications replace any previous one up to this date. Visit our webpage [www.impactusa.com](http://www.impactusa.com) where you can find the current version. Subjected to changes without notice.

### Application:

1. Surface Cleaning : Thoroughly clean the surface to be waterproofed . Remove dust , sand , stones , garbage , oil , grease , etc . Clean drains . Fix the period at the end of the first sentence . correct spacing after 2% and downs .

If the slab has a waterproof acrylic type and this is in good condition , skip sealing .

2. Sealing: Dilute 1 part Adhesive PREFACRIL® with 3 parts water . Apply this mixture over the entire surface with or roller . Do not leave unsealed areas . Let dry for 1-3 hours .

3. Patching: spackling cracks and small fissures Adhesive PREFACRIL® , use a spatula for this . Let dry for 1-3 hours . For larger cracks , slopes , shafts , lack of chamfers , etc . , make repairs ahead using construction equipment .

4. Installation: Important: Begin installation of acrylic blanket in the lowest part of the roof surface , continuing upwards and transversely to the slope .

To facilitate proper installation of acrylic blanket is necessary before application of the adhesive , the roll is present (to unwind) on the surface to ensure proper overlap and alignment thereof with the previous roll or the line of the transverse slab to the slope , as applicable .

Having determined this , acrylic blanket wrap without moving position to proceed to apply the adhesive PREFACRIL® . Use sisal brush for application .

Dampen the surface perfectly roll coverage in sections of 3 - 6.5 ft . Then proceed to place the acrylic blanket , extending as it unwinds , carefully align and overlap with previously placed roll . Avoid leaving air pockets trapped under the membrane .

After the membrane has been installed , it is advisable to ensure the locking thereof by the use of a clean brush ixtle and applying water . Scroll through the surface of the roll placed tamping the middle to the ends , with the damp brush .

The curing time of the adhesive to ensure correct fixing is 2 to 7 days .

5. Overlap roll : Roll Longitudinal overlaps should be at least 4 in . They are attached using PREFACRIL® adhesive .

Repair damaged area

6. If ripping or perforation of the membrane during placement , it can be effected by applying adhesive repair PREFACRIL® and covering the area with some acrylic roll ( patch ) .

### Warnings:

It should not be applied at ambient temperatures below 50° F [10° C] or higher than 113° F [45° C] , on rainy days or when there is a threat of rain (see the weather forecast for the following 72 hours) . Do not apply to damp surfaces . Do not apply when the relative humidity is higher than 85% , such as days or times when there is a breeze , fog , mist , dew , etc . If any of the material splashes onto your skin , wash with soap and water . Wash the tool with water after use . This product is ready to use , do not add water . Follow the recommended coverage guidelines . Adulterating this product or applying at a thinner spread rate than recommended may render the warranty invalid .

Ensure that the roof has a slope (of at least 2%) , sufficient drains (outflows) , sharp edges and/or diamonds , to avoid water pooling (puddles) , as this product is not designed for prolonged immersion in water . The drying times may vary , depending on the temperature , relative humidity and wind speed . The warranty for this product will be fulfilled in proportion to the remaining life time of the applied product should it fail .

**KEEP OUT OF REACH OF CHILDREN**