



# EXCEL

Technical Data Sheet

## ELASTOMERIC WATER-BASED PROTECTIVE MEMBRANE #5531



### Product Description

EPM-6 #5531 is an acrylic-based, breathable elastomeric Coating . The coating may be used by brush or roller or can be thinned with water (not more than 10%) for spray application. #5531 shows exceptionally good flexibility, protective properties, and weatherability. The polymer is a self-cross linking acrylic. This elastomeric water-based formulation is particularly suited for use as a crack-bridging surfacer for walls and roofs.

### Features and Benefits

- May be tinted using water based tint systems ( see product label\*)
- Excellent cold temperature crack resistance
- Good crack-bridging ability
- Low chalking
- Resistance to acid rain
- Excellent adhesion to a variety of substrates
- Breathable, to allow vapor transmission without damaging film or adhesion.
- LEED COMPLIANT (White only)
- ENERGY STAR APPROVED (US only)

### Application

Always stir or shake thoroughly before using.

The formulation is designed for direct application to common roofing or wall materials such as stone, brick, masonry, asphalt, shingles and urethane foam. When the substrate is metallic, care must be taken to ensure that the surface is "passified". This usually entails a wash-coat application of a phosphate-based agent such as T.S.P. The best method of application for the #5531 elastomeric coating is to roller- apply the coating in two equal coats, applied in perpendicular directions (as this minimizes any chances of pinholes).

On porous surfaces a primer such a Excel Waterproofer #5990 or similar product should be applied prior to the EPM-6.

If a colour other than

white is required, follow the tinting instructions below.

Tinting Instructions: For paint colours requiring a White Base (use EPM-6 White Tintable)

Use the one quart formula of colourant per one gallon of product. For paint colours

requiring Medium Base ( use EPM-6 White Tintable) add two quart formula of colourant

per one gallon of product. For paint colours requiring a Deep or Clear Base ( use

EPM-6 Deep Tint Base) add the full colourant amounts as specified.

## Coverage

Should be applied at the rate of 15m<sup>2</sup>/3.78L per coat.  
For best results two coats shall be applied at the above rate to achieve a 10mils dry film.

## Cautions

- Not to be used on walking surfaces.
- Not be used on EPDM/Rubber or TPO membranes.
- Do not apply in direct hot sun.
- Not intended as a solution to stop leaks. Leaks must be repaired before over coating with EPM-6
- Not intended for flat roofs that experience water ponding.
- DO NOT APPLY WHEN TEMPERATURE IS BELOW 10°C DURING CURING PERIOD OF 6-12HOURS OR WHEN RAIN IS EMINENT WITHIN 12-24 HOURS.

## Physical Properties

|   |                              |
|---|------------------------------|
| Appearance-----                                   | Thick, paint-like dispersion |
| Solids Content-----                               | 70 % +/- 1%(by weight)       |
| Water Dilutability-----                           | Not more than 10%            |
| Specific Gravity-----                             | 1.4 Kg/L                     |
| VOC's.....  | < 100gms/L                   |
| Initial Solar Reflectance .....                   | 0.78                         |
| Solar Reflectance after 3 years .....             | 0.64                         |
| Initial Emissivity .....                          | 0.92                         |
| Elongation- ASTM D2370.....                       | > 300%                       |
| Moisture Vapour Transmission Rate-ASTM D1653..... | WVT=4.3<br>WVP=5.05Prems     |

Life Expectancy: One year per one dry mil.

## Limited Warranty

If this product is proven to have a manufacturing defect, we will provide you with replacement value or product, at our option, for the defective product. This commitment is our full representation regarding the product and is in lieu of all expressed or implied warranties and may not be extended by representatives, written sales information, drawings or otherwise. IN NO EVENT SHALL THE MANUFACTURER OR ITS AFFILIATES BE LIABLE FOR ANY INDIRECT, ASSOCIATED, INCIDENTAL OR CONSEQUENTIAL DAMAGES.