

**BITUMINOUS MEMBRANCE REINFORCED WITH (POLYESTER 250 g/m<sup>2</sup>).MODIFIED WITH APP (ATACTIC POLY PROPYLENE)**

| SR | PROPERTIES                                | UNIT       | VALUE            | TEST METHOD      |
|----|---|------------|------------------|------------------|
| 1  | Softening point                           | °C         | 155              | ASTM D36         |
| 2  | Penetration                               | dmm        | 20               | ASTM D 5         |
| 3  | Cold Flexibility                          | °C         | -5 to -10        | ASTM D 5147      |
| 4  | Heat Resistance (@120 °C for 2h : 15 min) | Pass       | No flow          | ASTM D 5147      |
| 5  | Tensile strength @23 + 2 °C               |            |                  |                  |
|    | Longitudinal                              | N/5 cm     | 1200 (24kN/m)    | ASTM D 5147      |
|    | Transversal                               |            | 1000 (20kN/m)    |                  |
| 6  | Tensile strength N/5cm @-18 +20°C         | N/5 cm     |                  | ASTM D 5147      |
|    | Longitudinal                              |            | 1300 (26kN/m)    |                  |
|    | Transversal                               |            | 1100 (22kN/m)    |                  |
| 7  | Elongation @23 + 2 °C                     | %          |                  | ASTM D 5147      |
|    | Longitudinal                              |            | 50               |                  |
|    | Transversal                               |            | 50               |                  |
| 8  | Elongation, % @-18+2 °C                   | %          |                  | ASTM D 5147      |
|    | Longitudinal                              |            | 24               |                  |
|    | Transversal                               |            | 26               |                  |
| 9  | Lap joint Strength                        | N/5 cm     |                  | UEAtc M.O.A.T 30 |
|    | Longitudinal                              |            | 1200             |                  |
|    | Transversal                               |            | 1000             |                  |
| 10 | Tear Strength                             | N          |                  | ASTM D5147       |
|    | Longitudinal                              |            | 600              |                  |
|    | Transversal                               |            | 500              |                  |
| 11 | Puncture Resistance                       | N          | 1300             | ASTM E 154       |
|    | Static                                    |            | L4               | UEAtc 5.1,9      |
|    | Dynamic                                   |            | I4               | UEAtc 4.4.1      |
| 12 | Dimensional Stability                     | %          |                  |                  |
|    | Longitudinal                              |            | > 0.6            | ASTM D 5147      |
|    | Transversal                               |            | > 0.6            |                  |
| 13 | Resistance to Aging (after 2000 hrs)      |            | No Deterioration | ASTM D 4799      |
| 14 | Water Absorption (@ 23 °C for hrs)        | %          | < 1              | ASTM D 5147      |
| 15 | Water Vapour Transmission,                | g/m2/24hrs | < 0.5            | ASTM E 96        |
| 16 | Resistance to leakage at joints           |            | pass             | UEAtc            |

**NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .**



# izomax

## VIA 250

P3000 P4000 P5000 P6000

**MADE IN KSA**

BITUMINOUS MEMBRANCE REINFORCED WITH (POLYESTER 250 gr / m<sup>2</sup>) , MODIFIED WITH APP (ATACTIC POLYPROPYLENE) WITH A MINERAL STONE SURFACE .

**izomax VIA** PM product with a natural mineral surface instill on the top surface to product the membrane from (UV) radiation and ageing .

**izomax VIA** PM is a product is especially for construction projects that required high tensile strength . It is resistant to temperature differences , ensures high endurance and provides utmost protection against damages . As a highly tear resistant product , it can be used in all kinds of waterproofing applications, ensuring high performance .

**izomax VIA** PM provides protection in extreme temperatures and the high quality polyester (200gr/m) used as a reinforcement helps the product to stick well to the surface and function as protective layer.

## APPLICATION

- Installed by torch welding method, loose - laid or fully bonded to substrate. When loose - laid only overlaps are bonded together. Periph - eres and protrusions are sealed according to specifications
- 10 cm (4 inches) overtopping shall be allowed for joints and 15 cm (6 inches) overtopping for ends by using welding torch.
- Mineral coated products may be used to protect the upper surface if no covering planned .

## STORAGE AND PRESERVING

- Rolls should be installed in an upright position on to the delivery vehicle and stored and carried indoors in the same way.
- No cutting or perforation should be made after the application .
- Rolls should not be put one on top of another if stored without palettes .
- Maximum two rows should be put one top of another if stored with palettes.

## ADVANTAGES

- Application to various types of substrates
- The quantity to be used can be determined before the application.
- It's reinforcement system has high tensile strength
- Reinforcement with high elongation capability .
- Resist splits and tears due to its pliability elongation characteristics .

## OTHER OPTIONS

- All colors of mineral stone alternatives are available..

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