

## aquaRAHA Series

Strong and versatile torch-on waterproofing plastomeric membranes ideal for medium complexity applications while ensuring good mechanical properties.

**Compound:** Distilled bitumen modified with select polypropylene and copolymer and is the result of extensive research to obtain a good performance-cost ratio for a wide range of areas.

**Reinforcement:** Continuous non-woven SPUNBOND polyester (PP series) or strengthened glass fibre (PG series) gives Plastoper excellent dimensional stability and mechanical properties.

**Surface Finish:** Silica sand, self protecting natural or colored slate chippings distributed uniformly and firmly anchored.

**Areas of use:** Easy-to-lay flexible product is ideal for the majority of the roof, foundation and basement applications and is preferred by installers when a good price/quality ratio is required.

**Product Advantages:** Guaranteed by more than 10 years in the field, wide product range, excellent value for money.

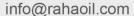
















## TECHNICAL DATA SHEET OF APP MODIFIED BIUMEN MEMBRAN

0 °C APP

| plaRAHA Series by Thickness        | AQ PG2<br>AQ PG3 | AQ PP3<br>AQ PP4 | AQ PP3 S*<br>AQ PP4 S* |
|------------------------------------|------------------|------------------|------------------------|
| Reinforcement                      | GlassFiber       | Polyester        | Polyester              |
| Thickness (mm)                     | 2/3              | 3/4              | 3,5 / 4,5              |
| Upper Surface Coating              | PE               | PE               | Slated                 |
| Cold Bending °C                    | 0                | 0                | 0                      |
| Flow Resistance °C                 | 110              | 110              | 110                    |
| Tensile Strength (N/50mm) (md/cmd) | 300/200          | 480/320          | 480/320                |
| Elongation % (md/cmd)              | 2/2              | 25/25            | 25/25                  |

| plaRAHA Series by Unit Weight      | PG2W<br>PG3W<br>PG4W | PP3W<br>PP4W | PP3,5 WS*<br>PP4 WS*<br>PP4,5 WS* |
|------------------------------------|----------------------|--------------|-----------------------------------|
| Reinforcement                      | GlassFiber           | Polyester    | Polyester                         |
| Unit Weight (kg/m2)                | 2/3/4                | 3/4          | 3,5 / 4 / 4,5                     |
| Upper Surface Coating              | PE                   | PE           | Slated                            |
| Cold Bending °C                    | 0                    | 0            | 0                                 |
| Flow Resistance °C                 | 110                  | 110          | 110                               |
| Tensile Strength (N/50mm) (md/cmd) | 300/200              | 480/320      | 480/320                           |
| Elongation % (md/cmd)              | 2/2                  | 2/2          | 25/25                             |

<sup>\*</sup> S Color Codes for Slated Products

All tests have been performed according to EN 13707 /EN 13969

| ng          | Thickness (mm) | Roll Size (mt) | Rolls per pallet | Weight (kg/m |
|-------------|----------------|----------------|------------------|--------------|
| and Packing | 2              | 1 x 15         | 30               | 2            |
| nd P        | 3              | 1 x 10         | 30               | 3            |
|             | 4              | 1 x 10         | 20               | 4            |
| Dimentions  | 3 S*           | 1 x 10         | 23               | 3,5 S*       |
| Din         | 4 S*           | 1 x 10         | 20               | 4 S*         |
|             |                |                |                  | 4,5 S*       |

| Weight (kg/m2) | Roll Size (mt) | Rolls per pallet |
|----------------|----------------|------------------|
| 2              | 1 x 10         | 45               |
| 3              | 1 x 10         | 36               |
| 4              | 1 x 10         | 30               |
| 3,5 S*         | 1 x 10         | 25               |
| 4 S*           | 1 x 10         | 25               |
| 4,5 S*         | 1 x 10         | 25               |



