

## RGM-SM-TP TPO Waterproof Membrane

### Description

RGM-SM-TP TPO waterproofing membrane, is thermoplastic polyolefin waterproofing membrane, it is based on thermoplastic polyolefin (TPO) synthetic resin which combines ethylene propylene rubber and polypropylene with advanced polymerization technology, adding antioxidant and anti-aging agent.

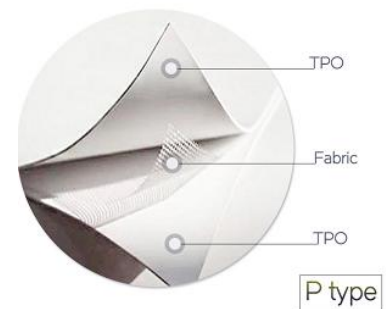
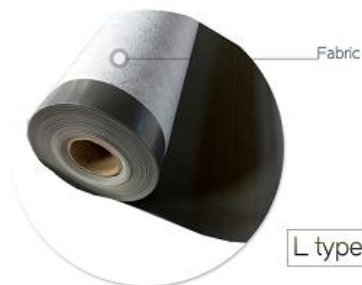


### Product Type

Type H: Homogeneous TPO membrane.

Type L: TPO membrane backed with fabric.

Type P: TPO membrane internally reinforced with fabric.



### Advantage

1. TPO membrane has perfect weather resistance, durability of EPDM and the weldability of PVC.
2. High tensile strength, high elongation, small size change of heat treatment.
3. With special formulation technology, there is no need to add any plasticizer to make the

material brittle, and there is no brittle phenomenon of common hot welded

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membrane, such as PVC, due to the migration of plasticizer, so as to maintain long-term waterproof function.

4. Excellent resistance to high and low temperatures, like rubber products, at -50°C degrees  
still maintain flexibility and mechanical strength at higher temperatures.
5. Light-colored surface mainly white, smooth surface, high reflectivity, energy saving and  
pollution resistance.
6. There is no plasticizer or chlorinated polymer in the composition, and no harmful gas released  
during welding and use.
7. Good root permeability, can be made into a planting roof.

## Application

- Roof construction and steel structure of both industrial and civil engineering.
- Underground engineering, such as subways, tunnels, air raid shelter, etc.
- Other projects: dam, water reservoir, artificial lake, roof for plant and others.

The tools below may be used during the construction.



**Automatic welding machine**



**Electric iron**



**Metal fasteners**



**Drilling machine**

## Contact US

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### Product Disclaimer

This Technical Data Sheet (PDS) summarizes our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. RG JIAYE does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.