

# TEST CHAMPION

## Scientific studies prove benefits of EPDM

The functionality of commercially available gaskets was examined in two comprehensive scientific studies carried out by independent renowned institutes in which the sealing effect of various materials and geometries were tested under climatic load and simulated utilisation.

The findings demonstrate that professionally installed EPDM sealing profiles offer building developers the following advantages:

- ✓ Functional seal over an appropriate lifetime
- ✓ Hygienic conditions in window rebates
- ✓ Value preservation for windows/doors and building structure

|                 | Sealing level (circumferential) |          |
|-----------------|---------------------------------|----------|
|                 | Stiles/rails                    | Corners  |
| EPDM rubber     | very good                       | good     |
| Non-EPDM rubber | satisfactory                    | adequate |



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# SEMPERIT

## EPDM RUBBER GASKETS

### ADDED VALUE IN WINDOW CONSTRUCTION



## It's the small things that matter.

Using EPDM rubber gaskets conserves precious energy and ensures a lasting seal for your windows. Today's innovations for the inventors of tomorrow.

## EPDM RUBBER GASKETS – ADDED VALUE IN WINDOW CONSTRUCTION

The importance of cost-efficiency and sustainability in building construction is growing.

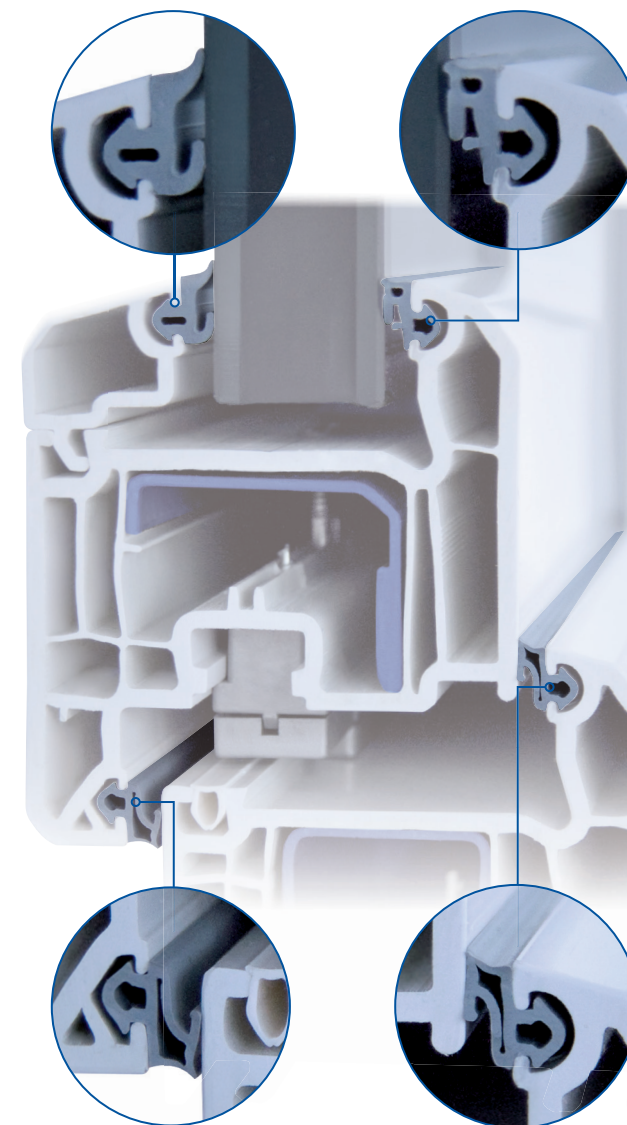
However, energy conservation and building insulation are achieved at the expense of air circulation, increasing the risk of condensation and mould growth in the window rebates.

The durability and long-term sealing properties of Semperit's EPDM rubber gaskets provide a highly effective counterweight.

## MAKING A SIGNIFICANT CONTRIBUTION TO THE LONG LIFE OF YOUR WINDOW!

- ✓ Outstanding, durable seal, particularly in the critical corner areas
- ✓ High elasticity and long-term elastic recovery
- ✓ Excellent acoustic and thermal insulation

EPDM rubber gaskets ensure high comfort and a hygienic indoor climate.



Energy Conservation Ordinance 2016(6)(1)

"Buildings are to be constructed in a manner that ensures long-term air impermeability of heat-transferring outer surfaces, including gaps and joints, in accordance with generally recognized rules of technology."