

**P2i** perform  
protect  
improve

The world leader in  
liquid repellent  
nano-coating technology



Protective



Breathable



Durable



Lightweight



Environmental

**ion-mask™**  
Technology by P2i



Improving the  
performance of  
lifestyle products

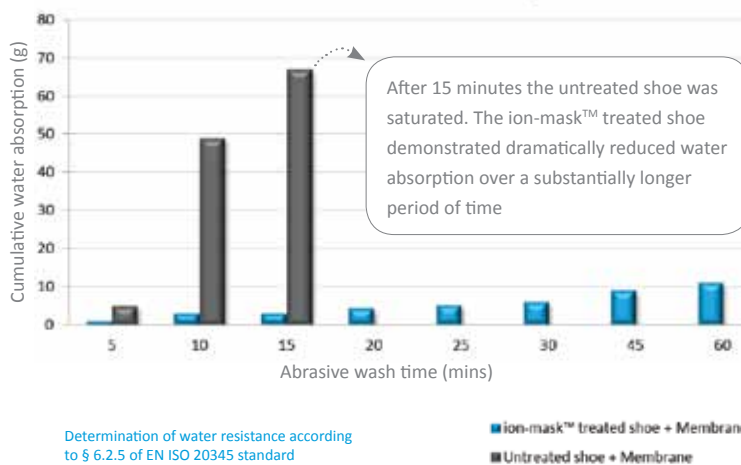
## Lifestyle products and ion-mask™



Invisible to wearers, the protective layer of ion-mask™ is over one thousand times thinner than a human hair. The technology is molecularly bonded to the whole surface of the product making it extremely durable without affecting the look or feel of the product. Furthermore, ion-mask™ lasts as long as the material itself and is not compromised by everyday wear.

Treated articles keep wearers comfortable and dry by repelling water from outside and maintaining optimum control of temperature and breathability. By resisting the absorption of water and dirt, ion-mask™ also helps guard against stains, making products look newer for longer.

### Shoe Water Absorption Testing



### Benefits of ion-mask™

- Protective:** ion-mask™ gives lifestyle products superior liquid repellency, stopping external water ingress whilst allowing perspiration to escape.
- Breathable:** Treated articles keep wearers comfortable and dry. Unlike membrane technologies, ion-mask™ is not a physical barrier, delivering the full natural airflow of the chosen material.
- Durable:** The liquid repellent nano-coating is physically bonded at a molecular level, so it lasts as long as the material it protects and cannot be seen or felt.
- Lightweight:** Being only nanometers thin, ion-mask™ does not add any additional weight to products. In wet environments, the hydrophobic properties ensure that less water is retained.
- Environmental:** ion-mask™ is solvent-free and uses only microscopic quantities of protective monomer, resulting in minimal waste and environmental impact.