

## What is Nanotechnology?

Nanotechnology is one of the key technologies of the 21st century and it will affect almost every aspect of our lives, from the medicines we use, to the power of our computers, the energy supplies we require, the food we eat, the cars we drive, the buildings we live in and the clothes we wear.

## Glass Coating Technology

Nanovations NG1010 is a new coating technology for glass substrates. NG1010 is a colloidal solutions where special formulated materials self assemble into a monolayer surface structure. The application can be done with simple methods like spraying or dip coating or wipe on. After the curing, which is the evaporation of the carrier liquid, the material bonds to the surface and the coating will self assemble into the formulated and ultra thin coating layer.

Due to the low solid content in the material, the final coating layers thickness is in the nano scale, and completely invisible. Functional material can be added, and the surface can become hydrophobic or if wanted, hydrophilic. Within the limitation of the overall thickness, it is also possible to add scratch resistance, anti static, or photo-catalytic properties.

## Who is Nanovations Pty Ltd?

Nanovations manufactures the largest range of advanced glass coating and preparation solutions in Australia. Nanovations has cooperating partners for distribution and development in more than 35 countries. Nanovations is a collaborative environment to drive innovation, engineering and design and quality. Companies that work with Nanovations, derive substantial benefits from our ongoing relationships and technology transfer.

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# NG 1010

NANOTECHNOLOGY GLASS COATING  
DIRT & WATER REPELLENT  
FOR ALL GLASS SURFACES



## New Water & Dirt Repellent Nanotechnology for all Glass Surfaces

- Repels water, dirt, ice & snow
- Easy to clean surface, excellent abrasion resistance, hard wearing protection
- Improves night vision & driving safety in wet weather conditions
- Long lasting, durable protection, scratch resistant
- Tested and certified safety & performance
- Easy & fast to apply
- Cost effective, extremely high coverage rate



domestic

marine



industrial



automotive

## Save Time & Money

Treated surfaces can be cleaned much easier and with less effort and without additional chemicals.

## Range of Applications

- Car and truck windscreens
- Boat and yacht glass protection
- Aviation glass & windscreens
- Farming machinery glass
- Mining equipment glass
- Building windows
- Shower screens
- Solar panels



# NG 1010

# Applications

 **NANOVATIONS**  
engineering a sustainable future