

# HOW TO KEEP BUILDINGS & STRUCTURES WATERTIGHT



**PROJEX**  
GROUP PTY. LIMITED





# SETTING THE STANDARD IN WATERPROOFING

***Projex Group Pty Ltd has a reputation for supplying and installing products and systems to meet the demand for the highest level of waterproofing.***

Projex originally introduced the Wolfin Waterproofing System in Australia in 1988 and still represents Wolfin into Australia and New Zealand. Projex's Quality Assurance and technical systems have proved to be an important cornerstone of Wolfin's World-wide Quality and technical package with the Australian company very involved in the development and testing of new Wolfin products over the last 25 years.

*"Collaborating with such a professional team and promoting the best waterproofing system available in our industry has been a real honour and privilege", says Jim Kornmehl.*

In Europe, Wolfin is considered the leader in high-end systems for waterproofing flat roofs and for structural waterproofing. The thermoplastic roofing and waterproofing membranes made by Wolfin cover more than 60 million square metres of flat roofing, basement, podiums & other critical areas of structures in all climatic zones of the planet.

*Wolfin Waterproofing Membrane on the Roof of The Ritz, Cremona*

*Front cover image: At the Faculty of Law 4000 sqm of Wolfin GWSK was installed under grass areas and walkways during the landscaping phase of the library roof*





# GET IT RIGHT THE FIRST TIME

**4 key points to remember when  
it comes to waterproofing...**

**1.**

## **Don't Cut The Waterproofing Budget-“No Matter What The Builder Says”**

Waterproofing is 1.8% of building construction cost but accounts for over 80% of building defect complaints.

Architects don't want to be associated with a building, which has major structural defects nor to have their name associated with a building that looks terrible due to unsightly leaks and stains.



When it comes to waterproofing, the adage, “an ounce of prevention is worth a pound of cure,” holds true. Though waterproofing projects can seem pricey at first glance, in the long run its value will far outweigh the cost of top quality waterproofing applications and repairs. That's because faulty or substandard

*Remedial waterproofing work successfully completed with Wolfin membrane in Lorne, Victoria*

waterproofing and the leaks that go with it can cost a lot more than just a waterproofing repair bill. The destruction and depreciation of contents and finishes, the potential loss of rent on business follow from faulty waterproofing let alone the inconvenience. So when it comes to choosing waterproofing membranes and remedial products, make sure to choose those that have been proven effective, high quality and durable.

**2.**

## **Select A Suitable Waterproofing System That's Designed For Your Intended Application**

When a structure is exposed to extreme weather conditions, including frequent rain and harsh sunlight, its physical properties are often placed under enormous stress, this can often affect performance. That is why it's important that you choose a waterproofing membrane that can handle the movement of a structure to ensure the inside is kept dry.

## 2. continued...

Introduced to Australia 25 years ago by Projex Group, Wolfin is a high quality, flexible Polyester PVC waterproofing and UV stable membrane that is manufactured in Germany.

Versatile enough to be applied to most building materials including concrete, timber, steel, CFC, and masonry, Wolfin has over the years been chosen as the professional waterproofing solution for a huge range of construction projects – residential, commercial and civil.

Wolfin can be used for waterproofing any type of roof as well as repair of roofs of almost any material, usually without removing the failed membrane.



### **Wolfin Membrane is also used to waterproof:**

- Balconies, terraces, decks, basements and in planter boxes (it is certified root proof and is UV stable)
- In gutters – or as a pre-made gutter
- As a bund liner
- Under carpark surfaces and on the joints
- Under concrete slabs to prevent seepage - even under high pressure
- On expansion joints, tunnel walls and bunkers
- In water tanks, fountains and water features, dams and sewage tanks
- On railway or road bridges.

*Wolfin waterproofed the critical aspects of relining the inside of the historical Pillar Water Tank*

## 3.

### **Ensure The Waterproofing Membrane Meets All Requirements Of Your Design & Finishes**

One of the biggest challenges that architects face when it comes to the waterproofing part of their project is the detailing itself.

Most waterproofing failures relate to poor detailing.

Wolfin has an outstanding profile termination system. All terminations are self-supporting and stop water ingress behind the membrane.

Recent tests carried out on a 25 year old Wolfin membrane showed no change in the membrane physical values from those of the original product.

Due to its superior vapour diffusion rate, Wolfin is the most proven & reliable waterproofing system on the market for remedial works where moisture is trapped in the substrate.



# 4.

## **Quality Assurance Insist on Labour & Materials (Single Point) Warranty issued by the supplier/ manufacturer**

When specifying Wolfin, architects get access to the highest quality of service. Projex Group offers comprehensive technical advice through every waterproofing aspect of the project. The Projex experts work closely with the architects to make sure all critical areas involving the waterproofing system are taken care of. Projex's experienced staff can provide cad-drawings showing exactly what is mentioned above, so that everybody (Builder, Architect, Applicator) knows what's happening with the project.

As testament to the confidence we have in this product, Wolfin comes with an unrivalled single point warranty on both labour and materials, fully supported by the manufacturers in Germany. Wolfin is proud to guarantee the application, as well as the product in a single warranty.



*The National Library of Australia chose Wolfin System to provide a long-term solution to water ingress through the podium slab. Each deck area was flood tested for a minimum 72 hours.*

Wolfin is only installed by experienced and licensed applicators

As part of Wolfin's strict controls on quality assurance, every Wolfin installation is inspected & certified by the supplier Projex - Wolfin Membranes Australia. This gives us, and you, the reassurance that every lap & termination is sound & welded watertight.

By specifying Wolfin, architects are choosing the most proven and reliable waterproofing system on the market.



*Wolfin GWSK has been installed as the flat roofing waterproofing membrane under the Green Roof of the award-winning Surry Hills Library*