



# LEADING THE REVOLUTION IN CONSTRUCTION BOARD



## COMPLETE PEACE OF MIND

Sealwise has been independently tested to ISO standards and is proven to inhibit the growth of bacteria with a 99.99% efficiency rate.

And, because the active ingredient of Biomaster is inorganic and non-leaching, it will never wear off. It remains permanently active, providing anti-bacterial protection throughout the lifetime of use so that when bacteria land on the smooth Sealwise surface with integrated Biomaster technology, they quickly die.

# INTRODUCING SEALWISE THE ONE BOARD THAT DOES IT ALL - BETTER

▶ Sealwise waterproof construction board is the smarter, safer solution for applications in hygiene-sensitive environments including domestic, healthcare and agricultural.

## SEALWISE IS PERFECT FOR THE FOLLOWING SECTORS

**Dental Surgeries**

**Hospitals**

**GP Surgeries**

**Laboratories**

**Flood Protection**

**Construction**

**Wall Cladding And Cubicles**

**Food Industry**

**Agriculture**

**Schools / Care Institutions**

**Veterinary Clinics**

**Marine Environment**

**Print, Sign and Display**

**Kitchens**

**Sealwise is 100% waterproof. It's also tough, long-lasting, easy to clean and so much more...**



WATERPROOF



FIRE RESISTANT



ANTI-BACTERIAL



ANTI-STATIC



EASY TO FABRICATE



RESISTANT TO  
CHEMICALS



UV STABLE



RECYCLED/  
RECYCLABLE



EXTREMELY DURABLE



ANTI-FRAUD



NON-TOXIC



THERMALLY STABLE



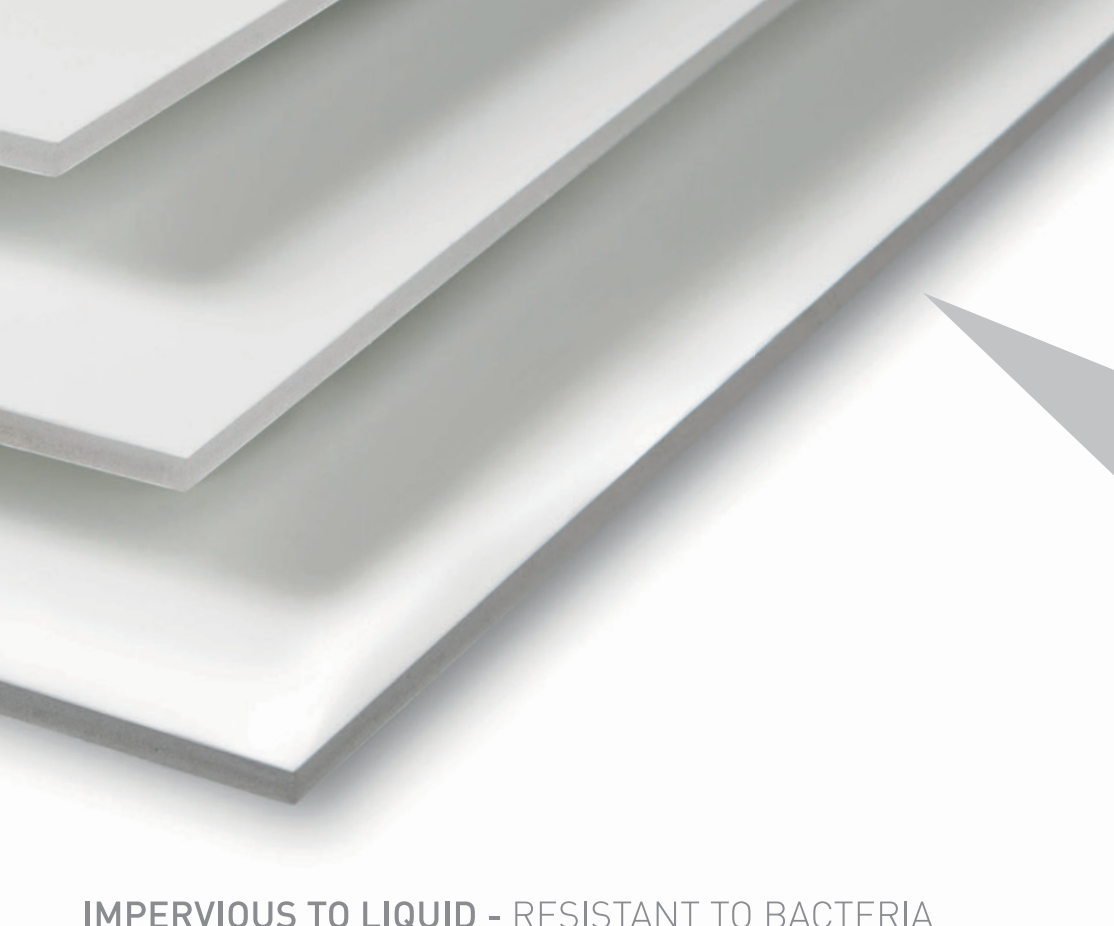
ECO FRIENDLY



SOUND ABSORBENT



DIRECT PRINTABLE

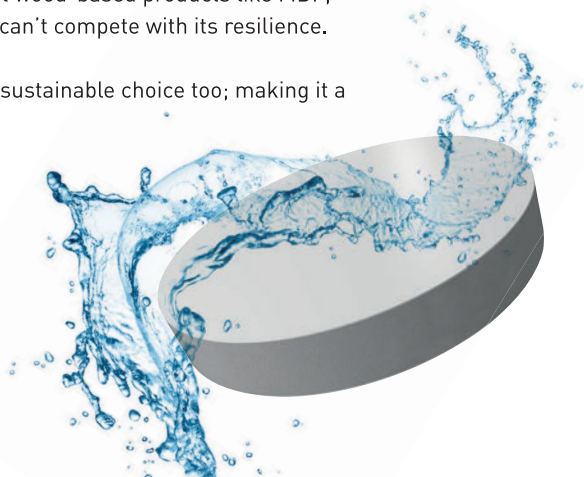


## IMPERVIOUS TO LIQUID - RESISTANT TO BACTERIA

- ▶ With its closed cell core and smooth outer skin, Sealwise offers more than stainless steel, laminates and expensive thermoset resins.

It also completely outperforms absorbent wood-based products like MDF, plywood and particleboard which simply can't compete with its resilience.

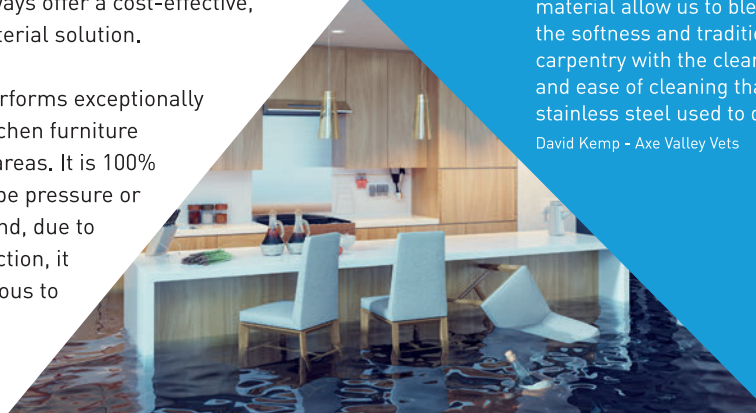
Sealwise is an environmentally-friendly, sustainable choice too; making it a better choice all-round.



Sealwise was initially developed for the health and flood sectors but will benefit most environments where waterproofing and cleanliness is key.

From reception areas to bedside cabinets (where hygiene is critically important), through to the wall cladding of operating theatres and autoclave system housings where conditions need to be as sterile as possible, Sealwise will always offer a cost-effective, lifelong anti-bacterial solution.

Sealwise also performs exceptionally when used in kitchen furniture within food risk areas. It is 100% waterproof, can be pressure or steam cleaned and, due to Biomaster protection, it is totally impervious to contaminants.



“ Our main site for Axe Valley Veterinary practice in Somerset UK was purpose built in the 1970s. As we refurbish the areas, the properties of the Sealwise material allow us to blend the softness and traditional carpentry with the cleanliness and ease of cleaning that only stainless steel used to deliver. ”  
David Kemp - Axe Valley Vets

# OUTSTANDING PERFORMANCE WHERE IT MATTERS MOST

## HOSPITALS

The NHS spends over £1 billion a year controlling infection - so anything which promises to lower this bill has to be welcomed. Germs just cannot survive on Sealwise's unique anti-bacterial surface and its patented jointing system leaves no hiding places either.

Sealwise's durable long-lasting strength adds to its effectiveness.

## GP SURGERIES

Obviously, a GP's surgery needs to be a scrupulously clean environment, as it's exposed to a wide range of germs on a daily basis. So Sealwise's anti-bacterial, easy-care properties make it the ideal choice.

However, surgeries are also being expected to increase the number of minor operations they perform - meaning even greater hygiene standards have to be maintained. Sealwise fittings and furniture meet these needs to offer complete peace of mind.

Sealwise is also the perfect choice for many other applications, including:

### • HOME RENOVATION

- Flood resilience
- Basement encasement

### • AGRICULTURAL ENVIRONMENTS

- Poultry sheds

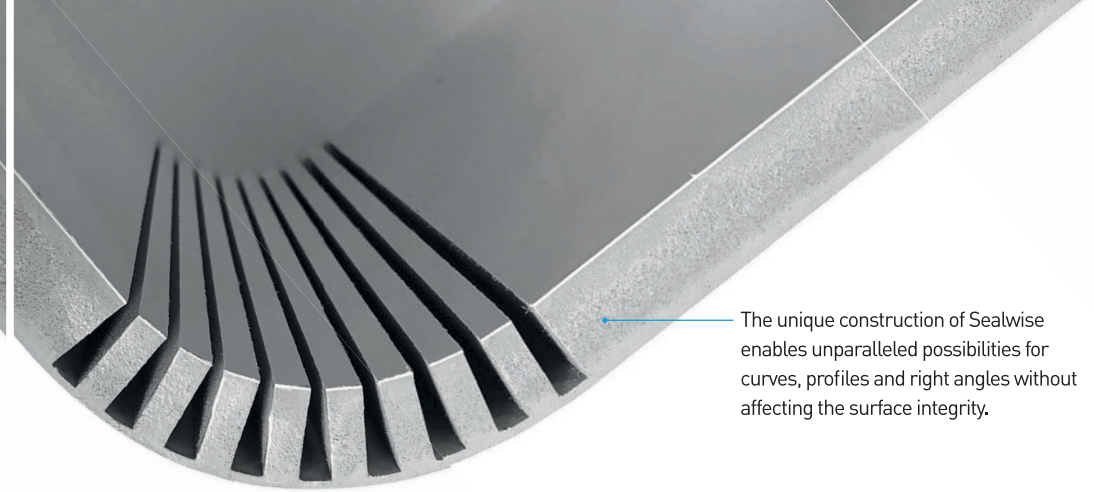
## DENTAL PRACTICES

As well as meeting the increasingly stringent standards of the Care Quality Commission, Sealwise can help create an environment which is as modern and stylish as it is clean and hygienic. Meeting all HTM regulations for hygiene and furniture, Sealwise is already installed in a number of Harley Street dental practices as well as over 100 other dental practices around the UK

## VETERINARY SURGERIES

Surgeries across the UK have specified Sealwise for various applications and are delighted that the product complies with every rigorous hygiene standard. It looks great with a sleek, contemporary design, and makes their premises as attractive as possible for both pets and their owners.

Sealwise has an animal-friendly surface, which is warmer to the touch and much quieter than stainless steel when being used, making it more pleasant for the patient.



The unique construction of Sealwise enables unparalleled possibilities for curves, profiles and right angles without affecting the surface integrity.

## QUALITY IN THE CONSTRUCTION

Sealwise is a homogenous material with a foam core made of closed cell PVCU and a surface of solid PVC material. Sealwise is non-toxic, Formaldehyde free, non-porous and can be used and processed using the same methods as panel products - yet offers better blade life.

However, having similar characteristics, comparable density and weight to MDF, it can be processed using the same techniques. It can be machined, cut, CNC'd, routed, profiled and edged identically to MDF. However it's 100% waterproof, offers zero swelling and boasts 2.5 x the screw retention, being suitable for tough environments internally and externally.



# TRULY PRACTICAL TRULY UNIQUE

It's a balancing act; because although critical hygiene issues are crucially important, specification can still often come down to a simple question of cost.

But even when budgets are squeezed to the max, Sealwise can be proven to be the cost-effective solution.

It may not have the smallest price point initially - especially compared to inexpensive melamine faced chipboard alternatives. However, looking at the through-life cost, it's immediately obvious that Sealwise offers vastly superior value.

In fact, you could be helping authorities and organisations save £'000s which could be better allocated elsewhere when you specify Sealwise.

## 100% WATERPROOF

Sealwise core is made using closed cell technology - that's millions of minute bubbles bound together, meaning there's absolutely no room for water to get in.

## FIRE RESISTANT

Tested to DIN 4102-1, Sealwise is rated to B1 standards. \*\*\*

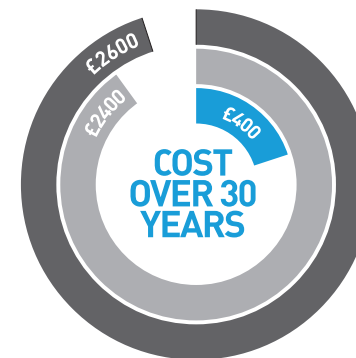
## CHEMICAL RESISTANT

24 hour clinical tests using 4% paraformaldehyde, concentrated hydrochloric acid, glacial acetic acid, nitric acid, sulphuric acid and ethanol applied to the Sealwise's surface bore no visible or detectable effect. The surface of Sealwise utilises Biomaster technology inhibiting the growth of bacteria by 99.99%. Effective for the intended lifetime of the product, it won't wear off or leach out.

\*\*\* Fire Certification - B1 available on selected products lines.

## THE RESULTS SPEAK FOR THEMSELVES

After rigorous testing, results show that Sealwise consistently outperforms the more traditional alternative substrates such as MFC, MDF, ACM, Stainless Steel & Solid Laminate.



### THROUGH LIFE COST OF HOSPITAL WARD CABINETRY MADE FROM MFC, MDF & SEALWISE

- MID RANGE MDF**  
- With maintenance plan & no material guarantee.
- BUDGET RANGE CHIPBOARD**  
- With maintenance plan & no material guarantee.
- SEALWISE WATERPROOF CONSTRUCTION BOARD**  
- Maintenance plan not required & lifetime material guarantee.

## UV SAFE

A unique feature of Sealwise is that it carries a 10-year warranty against colour fade caused by UV damage.

## DURABLE

Sealwise WCB is rigorously tested using industry standards for impact and screw retention and performs 2.5 times better than MDF. What's more, Sealwise's surface can be finely sanded or have gentle heat applied to remove small marks or scratches.

## COST EFFECTIVE

Due to the durability, applications, and through life cost - Sealwise provides a cost effective solution for internal and external panel applications.



## ANTI-BACTERIAL TECHNOLOGY BUILT-IN

Every millimetre of Sealwise's smooth outer skin benefits from Biomaster technology, which is built-in to guarantee that our board offers effective, dependable, long-lasting anti-bacterial protection.

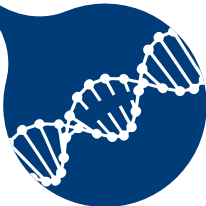
This means it can stand up to rigorous daily cleaning regimes and heavy-duty usage without any increase in the risk of contamination from pathogenic bacteria such as MRSA, e-coli, legionella, listeria and salmonella.

**1** Biomaster **binds** to the cell wall **disrupting growth**



**2** The Biomaster ions **interfere** with enzyme production **stopping the cell producing energy**

**3** Biomaster **interrupts** the cell's DNA **preventing replication**



To find out more about Sealwise and how it could be the winning ingredient in your next development, contact:

[www.sealwise.co.uk](http://www.sealwise.co.uk) | 01934 750 084

### Head Office

Sealwise 2014 Ltd  
M2 Business Park  
122 - 126 Duncrue Street  
Belfast  
BT3 9AR.

### Regional Office

Sealwise 2014 Ltd  
Unit 5 Mendip Business Park  
Mendip Road  
Rooksbridge  
Axbridge  
BS26 2UG

