

# Icopal Universal<sup>®</sup>



**Flexible & light**

**Reliable**

**Safe to use**

**Sustainable**

**High puncture resistance**

A strong, durable roof covering

# A widely versatile product

## for flat and pitched roofs

Every architect wants to specify a reliable, long lasting roof - with Icopal Universal, you can satisfy both these requirements, and more. Ideal for flat or pitched roofs, Icopal Universal delivers strength, flexibility and durability, and - after a lifetime of up to 30 years - it can also be recycled, greatly improving a building's sustainability.

### **Waterproof and tough enough to walk on**

Icopal Universal® consists of a POCB (polyolefine copolymerisate binder) reinforced with glass fibre and polyester. The result is a strong, flexible, and extremely stable single

layer roof covering that is UV resistant and tough.

Icopal Universal® is 3.2mm thick, making it lightweight and ideal for detailed roofing features, whilst also requiring a minimum of raw materials in manufacture.





## Fast application

Icopal Universal® can be applied rapidly to insulation materials, timber, concrete or profiled metal roofs, or to existing bituminous roofing systems.

The three variations of Icopal Universal® meet a wide range of applications:

- Icopal Universal® - can be mechanically fixed, loose laid and ballasted.
- Icopal Universal® SA - self adhesive making detailing easy and safe.

- Icopal Universal® WS - resistant to root penetration making it ideal for green roof applications.

## Safe to apply

As the application of Icopal Universal® requires no open flame, it's very safe to use, and on larger surfaces, overlaps can be permanently sealed using Icopal's fully automatic, high speed welding appliance. Icopal Universal® SA is ideal for the flame-free sealing of details and can be attached to both Icopal Universal® and

other bituminous roof materials.

## Ideal for sustainable construction

Icopal Universal® is fully recyclable and together with the product's low mass, long life cycle, and manufactured from clean raw materials, Icopal Universal® demonstrates a highly favourable Life Cycle Assessment, and meets the strictest standards for sustainable construction. Therefore, it can be used to significantly reduce a building's

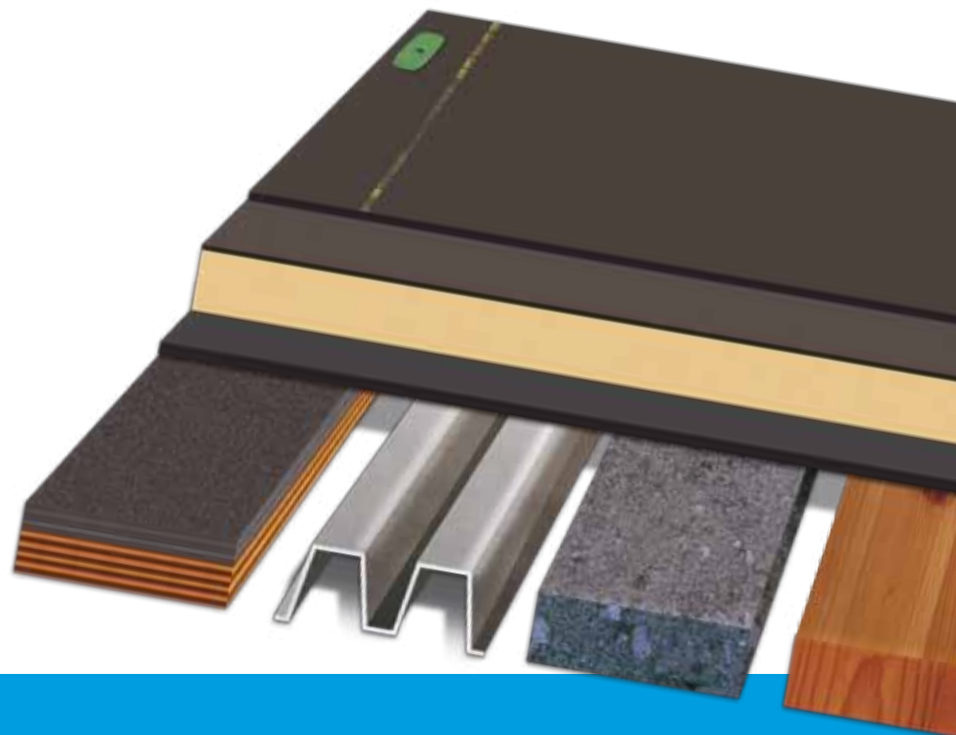




## Icopal Universal<sup>®</sup> meets the standards for sustainable construction

environmental impact, making a significant contribution to any sustainable procurement policy.

In addition, Icopal Universal<sup>®</sup> SA is the ideal foundation for the ICOSUN<sup>®</sup> Universal roof covering featuring flexible solar cells.



# ICOPAL UNIVERSAL<sup>®</sup>



## Benefits of Icopal Universal®



### **Strong, light and flexible**

Icopal Universal® is 3.2mm thick yet tough enough to walk on. The Icopal Universal WS version (anti-root) is strong enough to support a green roof. This relatively thin construction also makes it light and flexible, ideal for architectural detailing.

### **Reliability guaranteed**

Icopal Universal® makes guaranteed waterproof roofing a reality, as it is impregnated and coated with a POCB compound, making it watertight for decades.

### **Safe and easy to use**

Icopal Universal® does not require open flame, making it extremely safe to apply. The thin fleece of polypropylene used to prevent rolls from sticking together also makes Icopal Universal® easy to use.

### **Sustainable and recyclable**

Icopal Universal has an expected lifetime of up to 30 years, yet remains easy to remove and recycle at the end of its useful life. In addition, the thin design results in the minimal use of raw materials in manufacture and energy for transportation.

### **Wide ranging applications**

Icopal Universal® is suitable for new build and renovation projects and for flat or pitched roofs. It can also be applied to insulation materials, timber, concrete or profiled metal roofs, and to existing bituminous roofing systems.

Icopal, founded in 1876, operates worldwide and has 35 production facilities and more than 90 offices in Europe, North America and Asia, Icopal is Europe's leading manufacturer of products for the protection and waterproofing of building constructions, particularly roofing materials and waterproof membranes.



Inspiration  
Motivation  
Creation