

A high-angle, wide shot of a modern outdoor plaza. The plaza is paved with large, light-colored rectangular tiles. Several rectangular and irregularly shaped water features are integrated into the design, each containing a variety of green plants and small trees. The water is calm, reflecting the surrounding environment. In the background, a modern building with large glass windows is visible. The lighting suggests a late afternoon or early morning setting, with long shadows and a warm, golden glow.

# **Reimagining Surfaces: An Introduction to Suberlev Aggregate Compaction Resin**

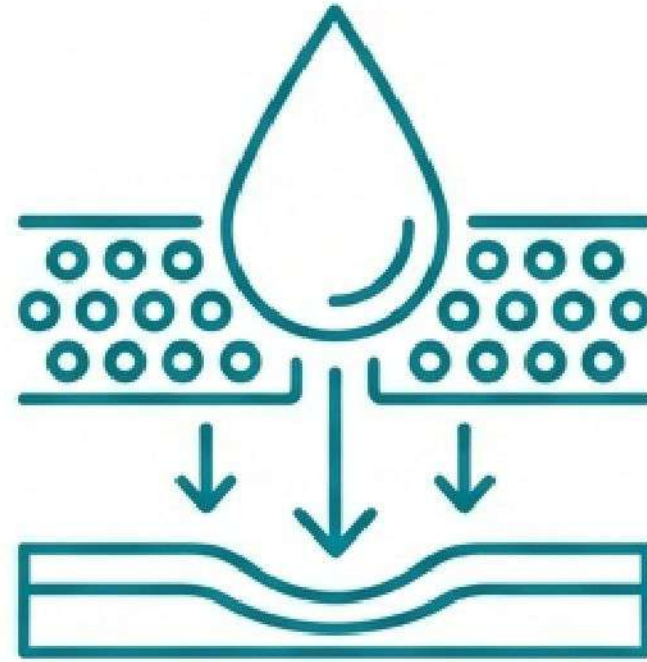


# The Evolving Demands of Modern Paving Solutions



## Structural Resilience

Pavements must withstand environmental stress, allowing for the free expansion and contraction of materials without cracking or failure.



## Environmental Responsibility

Modern designs require surfaces that manage rainwater effectively, reducing runoff and integrating with natural water cycles.



## Aesthetic Versatility

The need for beautiful, walkable, and long-lasting finishes that complement contemporary architecture and landscapes.





# The Solution: A New Standard in Aggregate Compaction

Suberlev is a single-component, water-based aliphatic polyurethane liquid membrane that provides an elastic, waterproof, and walkable finish.

**It binds aggregates to create durable, flexible, and fully permeable pavements, transforming design possibilities for outdoor spaces.**



# The Suberlev Advantage: Performance-Driven Benefits



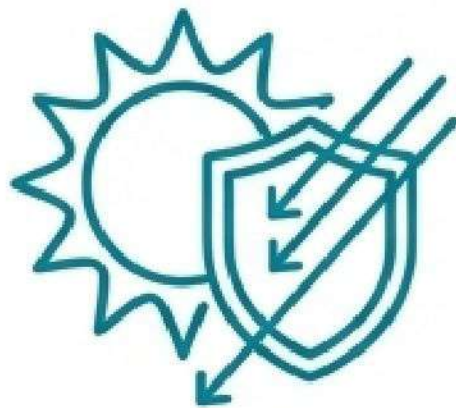
## Fully Water Permeable

Allows rainwater to pass through, creating effective draining pavements that reduce surface runoff.



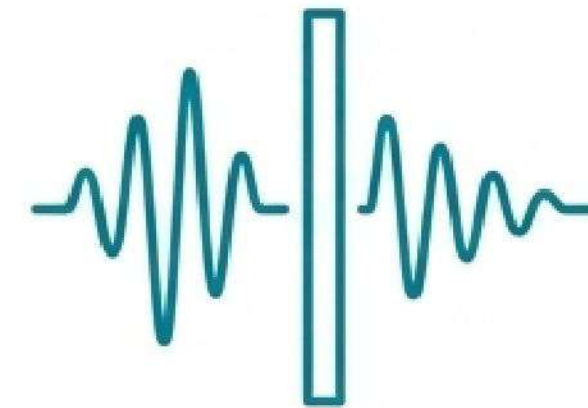
## Highly Flexible

Accommodates free expansion and contraction of materials, preventing cracks caused by temperature changes.



## UV Stable & Non-Yellowing

High resistance to outdoor conditions ensures the aesthetic integrity of the pavement remains intact over time without yellowing.



## Impact Noise Reduction

The elastic properties of the finish significantly reduce impact noise, creating quieter, more pleasant environments.



# A World of Possibilities: Ideal Applications



Gardens & Pathways



Public Sidewalks



Tree Pits ("Tree-huts")



Swimming Pool Surrounds



Recreational Parts



Recreational Areas

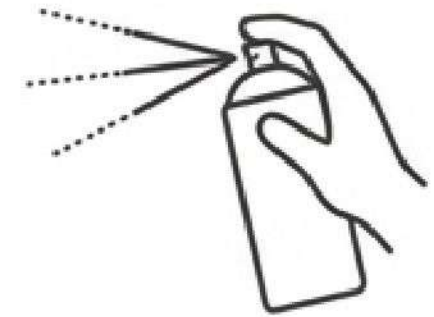
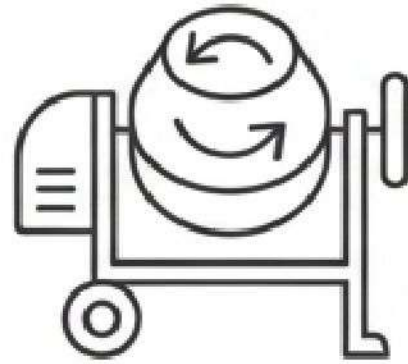
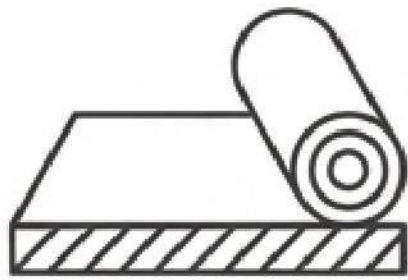


# Unmatched Versatility: Broad Substrate Compatibility

Suberlev adheres reliably to a wide range of common construction substrates, making it a versatile choice for complex projects.

- ✓ Concrete & Cement Mortar
- ✓ Plaster & Plasterboard
- ✓ Wood & Fiber Cement
- ✓ Galvanized Steel
- ✓ Ceramic Brick & Tile
- ✓ Natural Stone & Fired Clay
- ✓ Asphalt Felt
- ✓ Sprayed Cork
- ✓ And more...

# The Path to Perfection: Application in Four Steps



## 1 PREPARE

Compact the vegetation surface. Lay out an anti-grass geotextile sheet.

## 2 MIX

In a concrete mixer or appropriate container, thoroughly knead the resin and aggregates, ensuring all aggregates are fully impregnated.

## 3 APPLY

Pour the mixture onto the prepared surface and compact it to the desired thickness and finish.

## 4 FINISH (Optional)

For an enhanced finish, spray Passable Varnish over the poured mixture.



# Professional Guidelines for Flawless Execution



## Mixing Ratio

Standard: 6 to 8 L of resin per 100 - 125 kg of aggregate.

Note: "Depending on the granulometry of the aggregate and its absorption, it is recommended to do preliminary tests."



## Environmental Conditions

Application Temperature: 5°C to 35°C.

Critical Constraint: Do not apply with risk of rain or high humidity. Avoid dew in the late afternoon in cold weather.

Sunlight: Do not apply at high temperatures or with direct sunlight.



## Product Handling

Dilution: "It is not recommended to dilute the product, as adhesion may be reduced."

Aggregate Size: "It is recommended to use high grain sizes."



# Safety & Storage Protocols

## Safety During Application



**PPE:** "Glasses and gloves are recommended."



**Contact:** "Avoid the product meeting skin and eyes."



**Handling:** "Wash after a break or at the end of application."



**Disposal:** "Not to be discharged into sewers."

## Storage & Shelf Life



**Conditions:** Store in a cool place, temperature between 5°C - 45°C, away from sunlight and frost.



**Sealed:** Up to 2 years from the date of manufacture in the original sealed container.



**Opened:** Use within 15 days.



# Performance Data: Technical Specifications

Property	Property	Specification	Specification
Aspect		Mat	
Colour		Transparent, colourless	
Relative Density (25°C)		1.01 g/m <sup>3</sup>	
Viscosity (25°C)		6,000 - 6,500 cp	
Water Permeability		Excellent	
Minimum Film Forming Temp		+5°C	
Heat Resistance		Up to 80°C	
Cold Resistance (Once Dry)		Up to -20°C	



# Packaging & Availability

Suberlev Compaction Resin is available in two convenient sizes to suit projects of any scale.



4 L Pots



15 L Pots



# A Commitment to Quality and Performance

**SUBERLEV products must be applied by applicators approved by the manufacturer.**

This ensures that every application meets our rigorous standards for durability, performance, and aesthetic finish.

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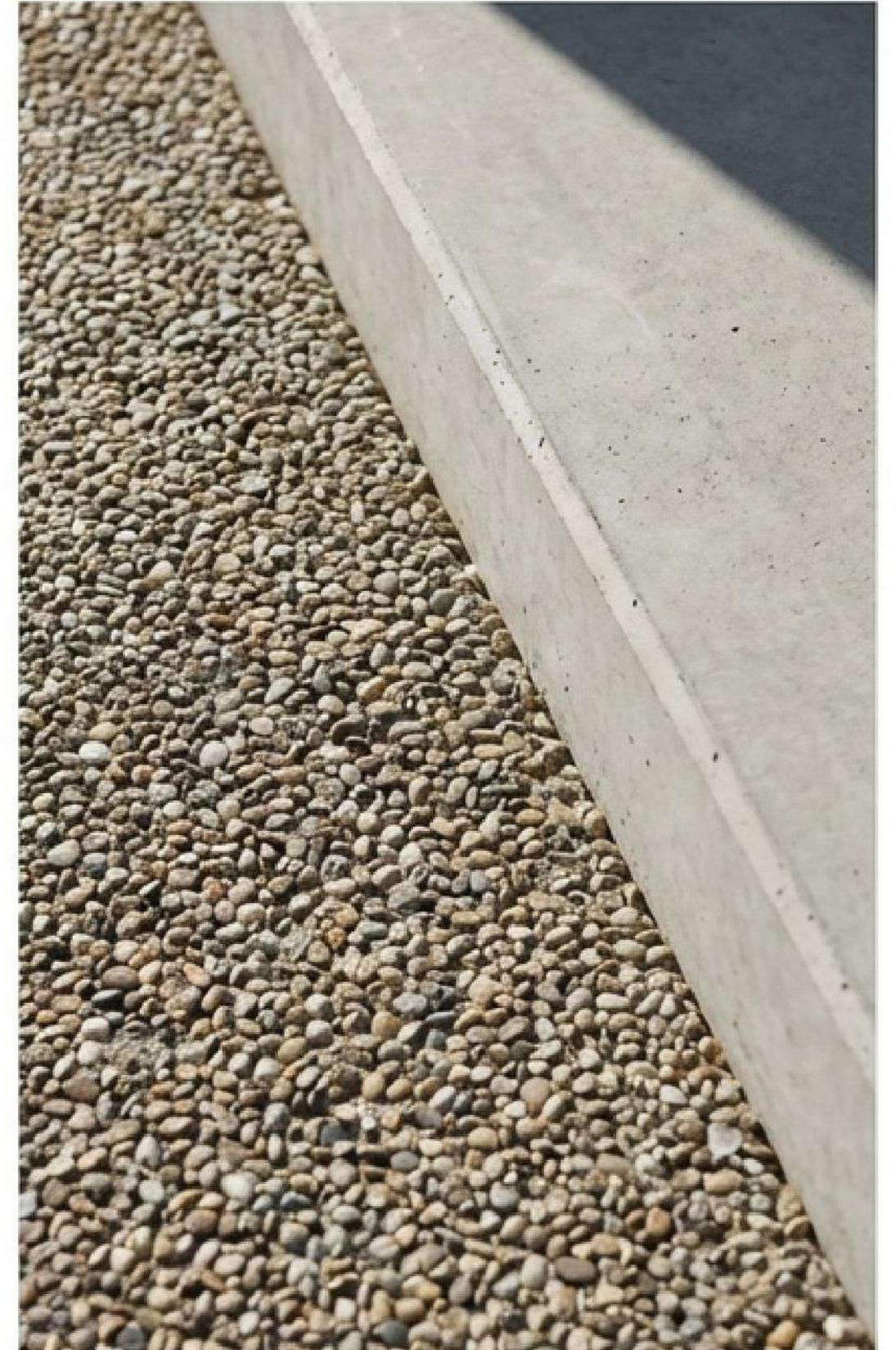
*The above information is based on our practical experience and laboratory tests... It is essential to carry out sufficient practical tests and verifications in each case to ensure the compatibility of the product with each specific application.*





# Transform Your Next Project with Suberlev

Contact us to discuss your project requirements, request technical support, or connect with an approved applicator in your region.





# Help Us Help You

## Innovation in Protection.



The information provided is based on extensive practical experience and laboratory testing.  
We recommend practical tests to ensure compatibility for each specific application.



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