

A New Standard in Building Envelope Performance

Novosuber: The Natural Cork Coating for Advanced Thermal, Acoustic, and Moisture Protection.



Conventional Materials Continually Fail Against Three Persistent Threats



Unmanaged Moisture

Capillary dampness, condensation, and mold growth compromise structural integrity and indoor air quality.



Thermal Inefficiency

Thermal bridges and inadequate insulation lead to significant heat/cold loss, driving up energy costs and reducing comfort.



Surface Degradation

Facade degradation, shrinkage cracks, and poor noise insulation diminish a building's value, performance, and occupant experience.



A Single, Seamless A Single, Seamless Coating to Eliminate Compromises

Introducing Novosuber from Suberlev. A revolutionary single-component coating that leverages the natural properties of cork to provide a comprehensive, multi-functional solution for building protection and insulation. It's not just a layer; it's a new performance system.





Formulated with Nature, Engineered for Performance

Core Composition

Neue Haas Grotesk Display Pro Medium, #2A8B9E

- **Natural Cork Granules:** For thermal, acoustic, and elastic properties.
- **Solvent-Free Resins:** For exceptional adhesion and durability.
- **Inorganic Pigments:** For high exterior stability and lasting color.

Key Attributes

Neue Haas Grotesk Display Pro Medium, #2A8B9E

- ✓ Non-toxic & Biodegradable
- ✓ Breathable & Water Vapor Permeable
- ✓ Highly Elastic & Weather-Resistant



Four Core Benefits. One Transformative Product.



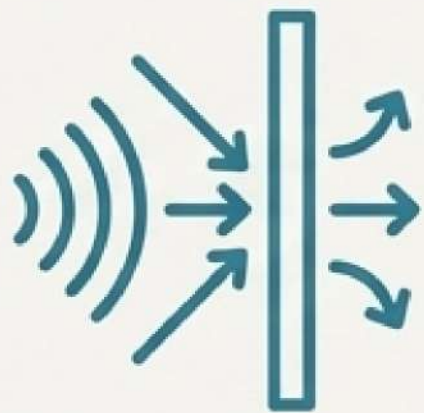
Thermal Insulation

Corrects thermal bridges and reduces heat flow by up to **69.15%** for superior energy efficiency.



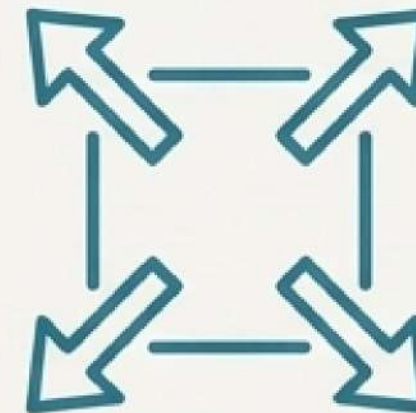
Moisture Protection

Eliminates capillary dampness and prevents condensation, solving mold and fungus issues.



Acoustic Improvement

Class E sound absorption improves insulation against airborne noise, impact, and reverberation.



Elasticity & Durability

Prevents shrinkage cracks with **55-65%** allowed expansion and excellent adhesion, ensuring long-term facade integrity.

A Quantifiable Barrier Against Thermal Loss and Water Ingress

Thermal Performance

0,059 W/m.K

Thermal Conductivity (EN 12667)

69,15%

Heat Flow Reduction

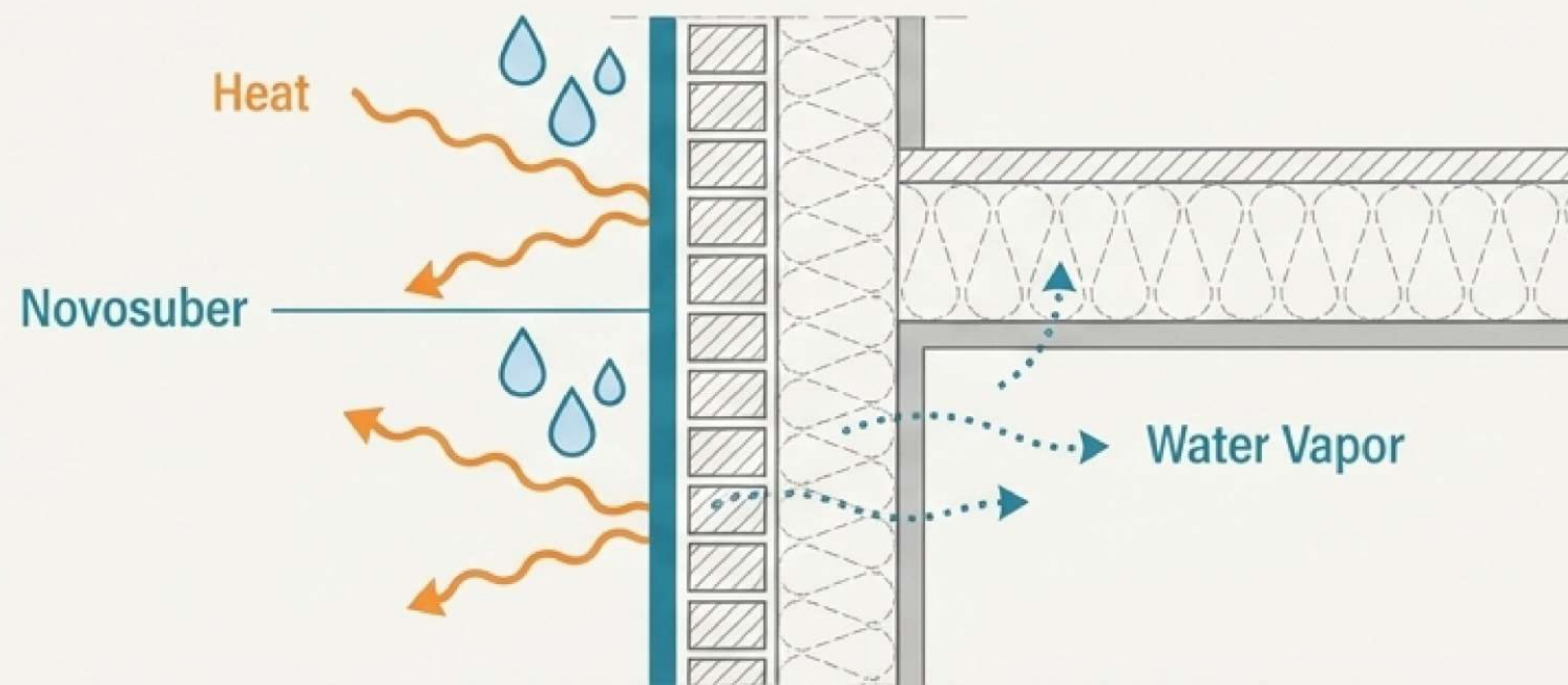
Creates a continuous insulating layer, preventing thermal bridges common in other systems.

Moisture Management

Class I

Water Vapor Permeability (EN 1062-3)

Highly breathable, allowing the structure to release moisture vapor while preventing liquid water penetration. Eliminates condensation drips.



Engineered for Lasting Structural Integrity and Acoustic Comfort

Adhesion & Elasticity

0,9 MPa

Adhesion to Concrete
(EN 1542)

1,3 MPa

Adhesion to Metal
(EN 1542)

55–65%

Allowed Expansion of Thickness

Superior bonding and flexibility prevent cracking and delamination over time.

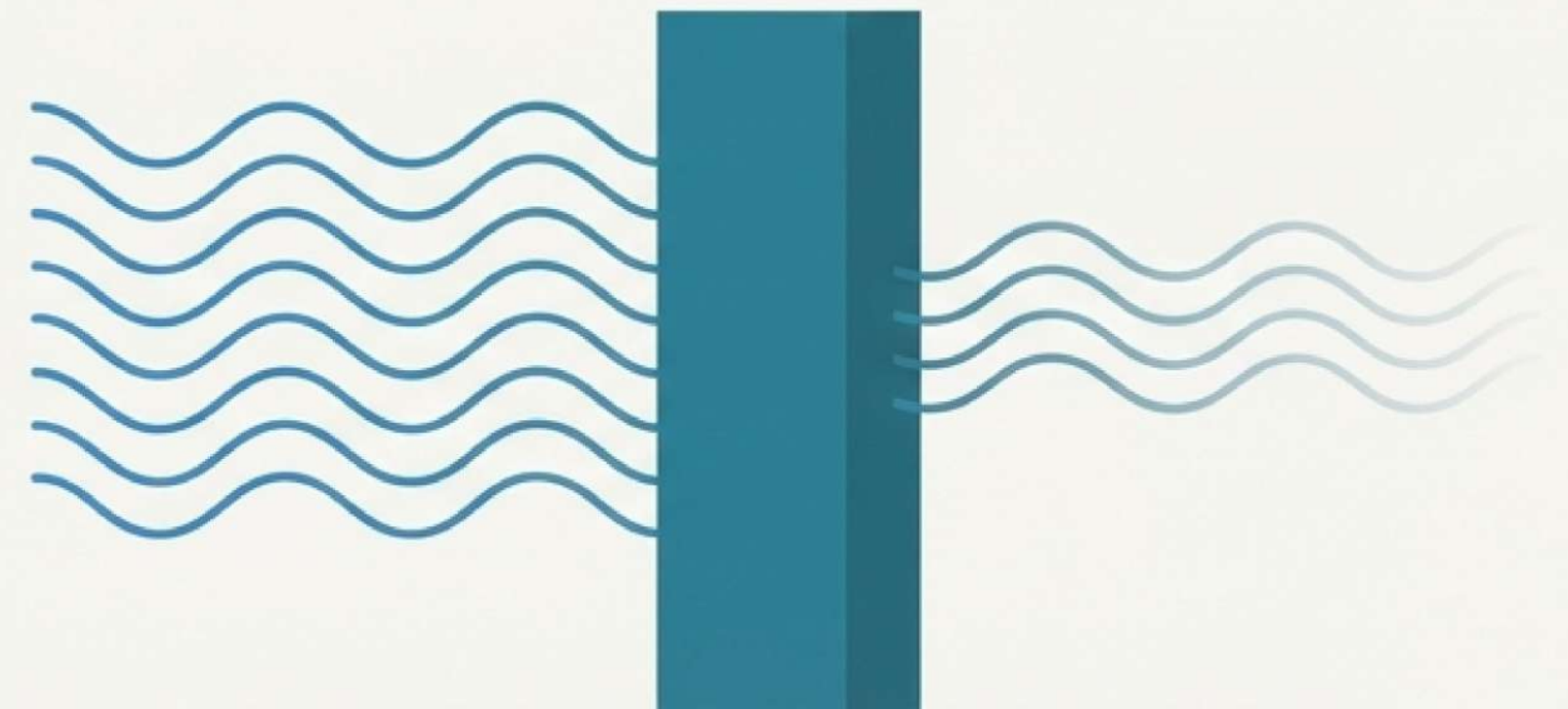


Acoustic Performance

Type E

Sound Absorption Class (UNE-EN ISO 354)

Effectively dampens airborne noise, impact sounds, and reverberation, creating quieter interior spaces.



Performance Verified by Leading Laboratories and European Standards

Tested By

Source Sans Pro Semibold



Certified Performance

Source Sans Pro Semibold



Artificial Aging (3000 cycles):

No change in appearance, no scratches, no exfoliation, no blisters.

Source Sans Pro Regular (UNE-EN ISO 11507:2007)

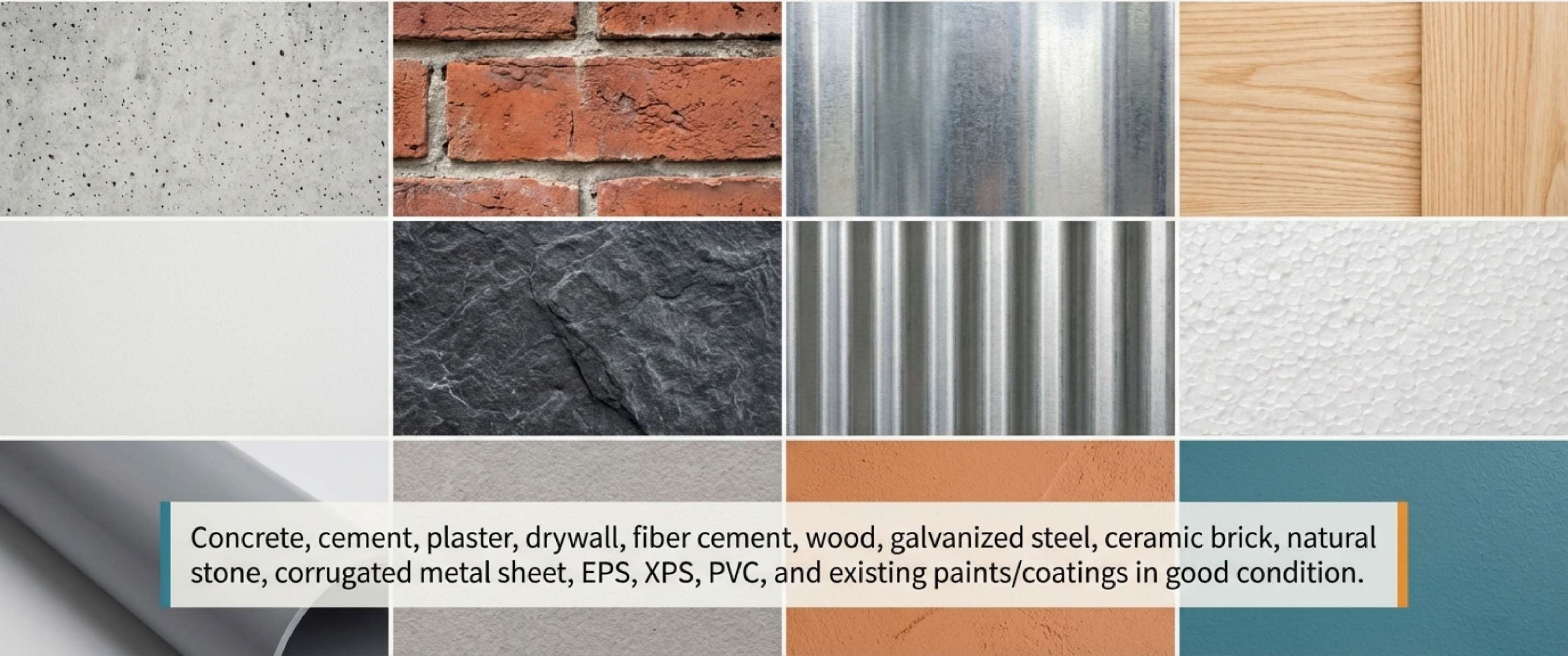


Fire Resistance: M1 Classification

Source Sans Pro Regular (UNE 23721:90)

Unmatched Adhesion Across a Wide Spectrum of Substrates

Novosuber provides excellent adhesion on multiple prepared surfaces, both new and existing, making it a versatile solution for renovation and new construction.



Concrete, cement, plaster, drywall, fiber cement, wood, galvanized steel, ceramic brick, natural stone, corrugated metal sheet, EPS, XPS, PVC, and existing paints/coatings in good condition.

Designed for Efficient Application and a Perfect Finish



Preparation

Surface must be clean, dry, and repaired. Use Suber-Fix on dusty/absorbent surfaces.



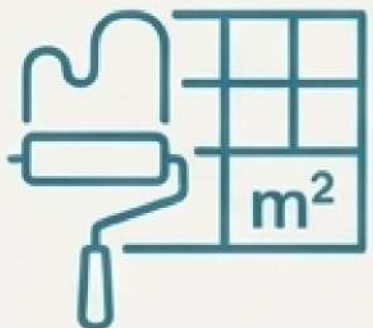
Application Method

Applied with an air compressor (**min. 250 L/min**) and a Suberlev spray gun (**5.50 mm nozzle**). Spray at **40-60 cm** in two or more coats.



Drying Time

4-6 hours between coats at **20°C**.



Coverage

5-8 m² per **15L** pail (for **2-2.5 mm** thickness). A **3-4 mm** layer is recommended for optimal thermal/acoustic performance.

Technical Specifications At-a-Glance

Property	Value
Appearance	Paste
Color	15 standard colors + 2 bases (off-white, natural cork)
Grain Size	0,4 – 0,6 mm
Density	0,75 kg/L \pm 8%
Thermal Conductivity	0,059 W/m.K
Water Vapor Permeability	Class I
Adhesion (Concrete)	0,9 MPa
Adhesion (Metal)	1,3 MPa
Sound Absorption	Class E
Fire Resistance	M1
Packaging	17.5 L pail (approx. 12 kg)
Storage	Up to 2 years in original sealed container.

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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