

SUBER PAINT

CORK THERMO-PAINT TECHNICAL APPLICATION GUIDE



FalconStema Thermal Insulation Technology

MATERIAL PROFILE

Water-based coating formulated with pure acrylic copolymers, polyurethane resins, natural cork microparticles, and reflective nanotechnology pigments.



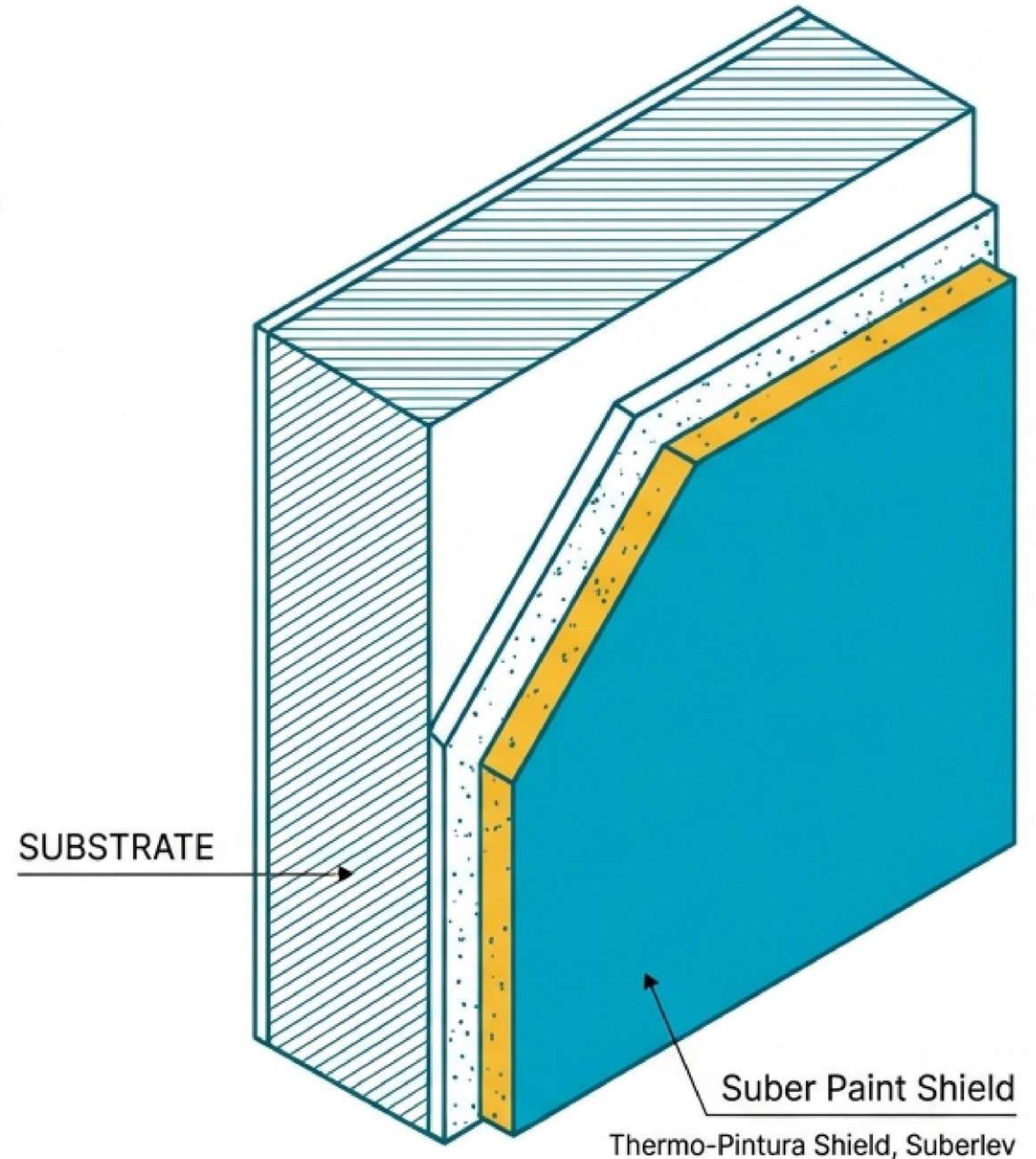
Thermal: Very low conductivity; eliminates thermal bridges.



Resistance: Waterproof, elastic (crack-resistant), and anti-condensation.

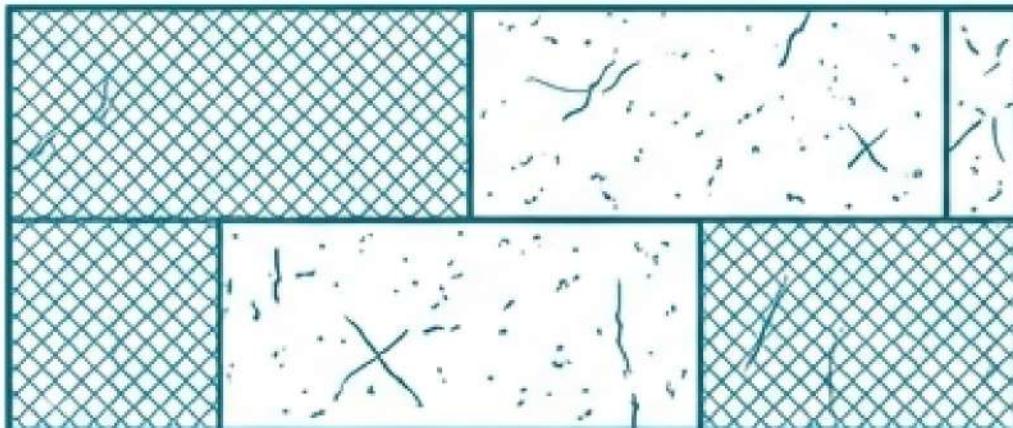


Acoustic: Sound-absorbing damping effect.

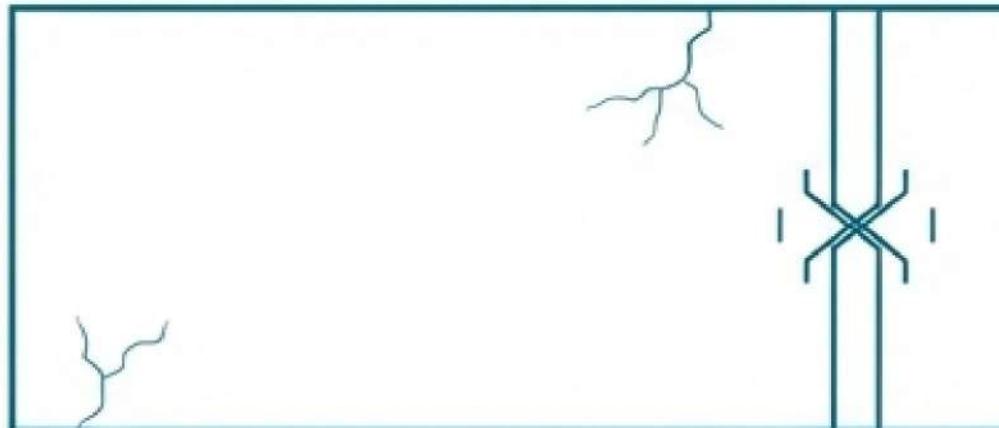


SUBSTRATE COMPATIBILITY

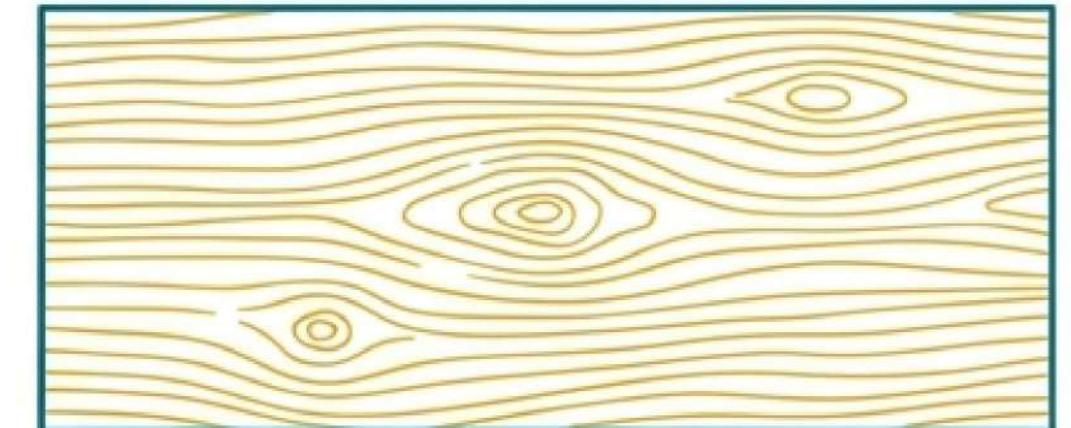
Prerequisite: Surface must be clean, dry, and dust-free.



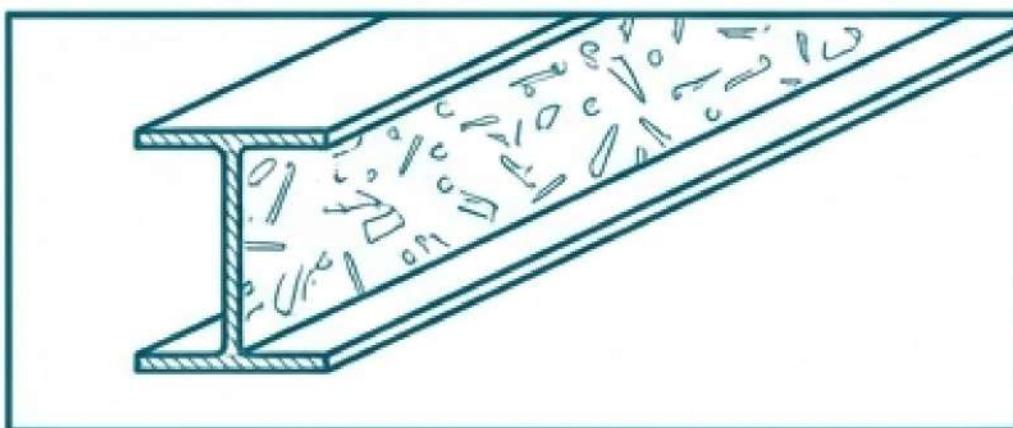
Concrete / Cement block texture.



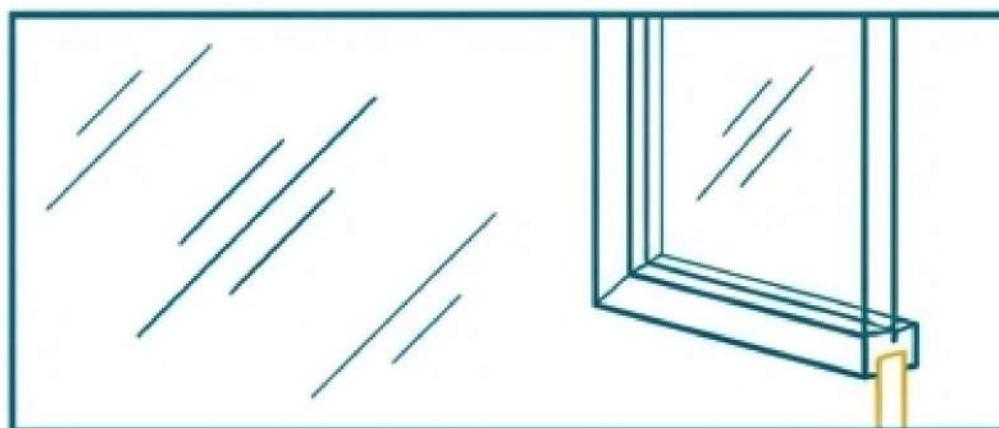
Smooth Plaster / BA13 Drywall.



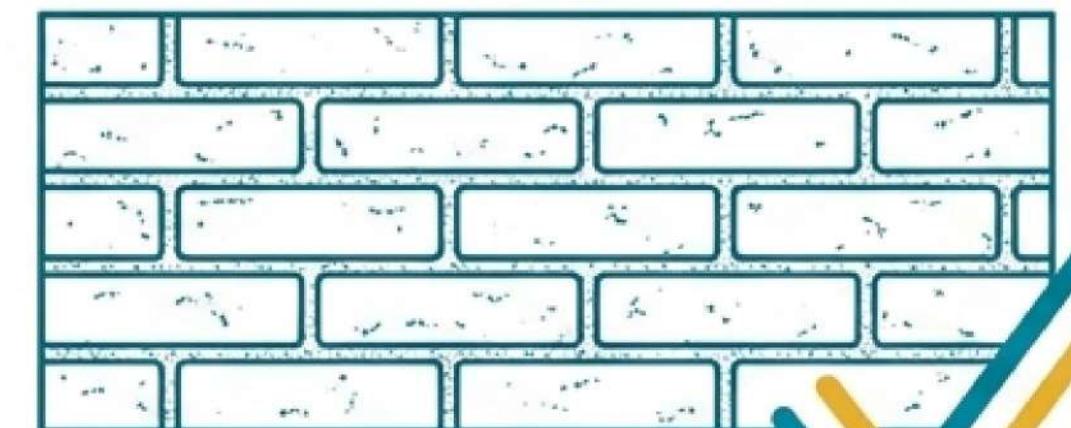
Wood Grain texture.



Galvanized Steel beam.

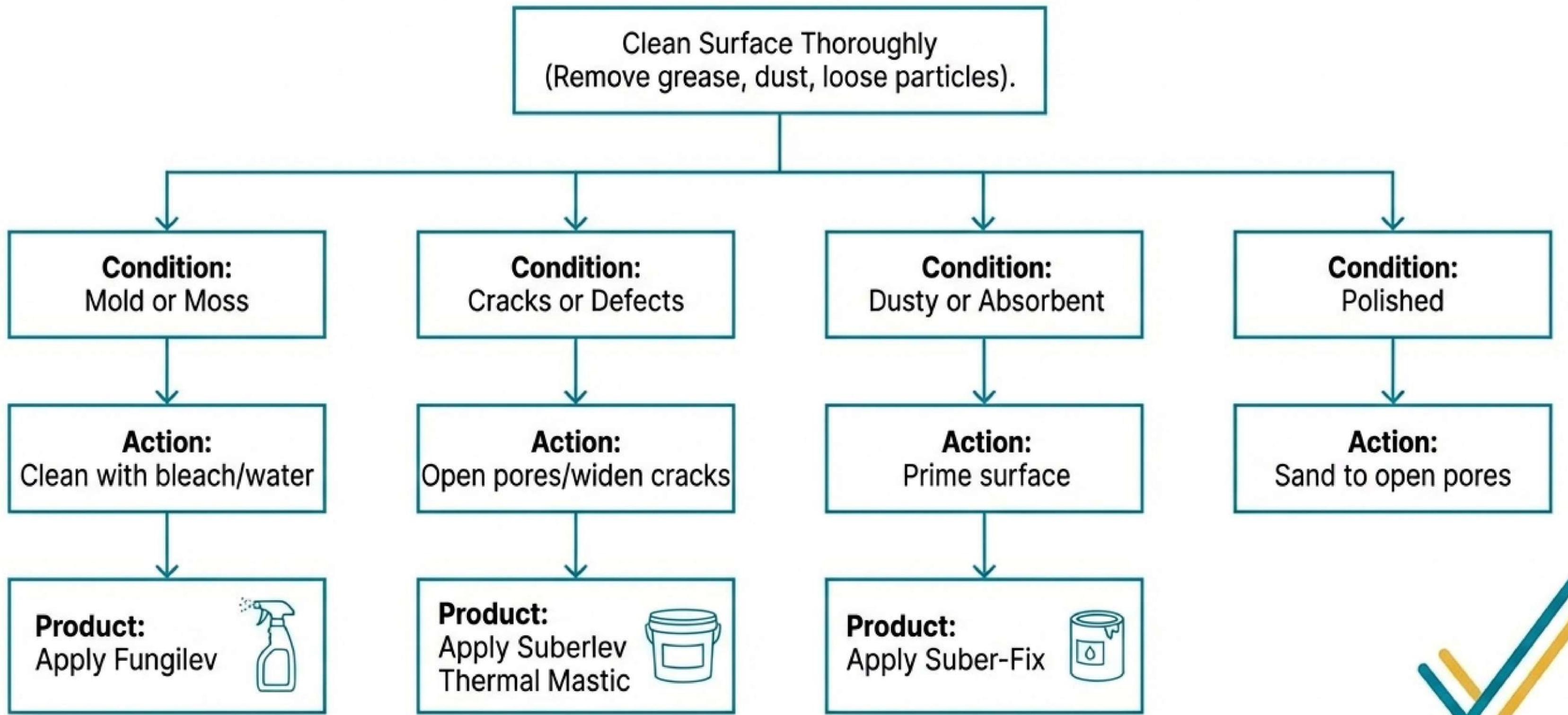


PVC / Glass smooth surface.

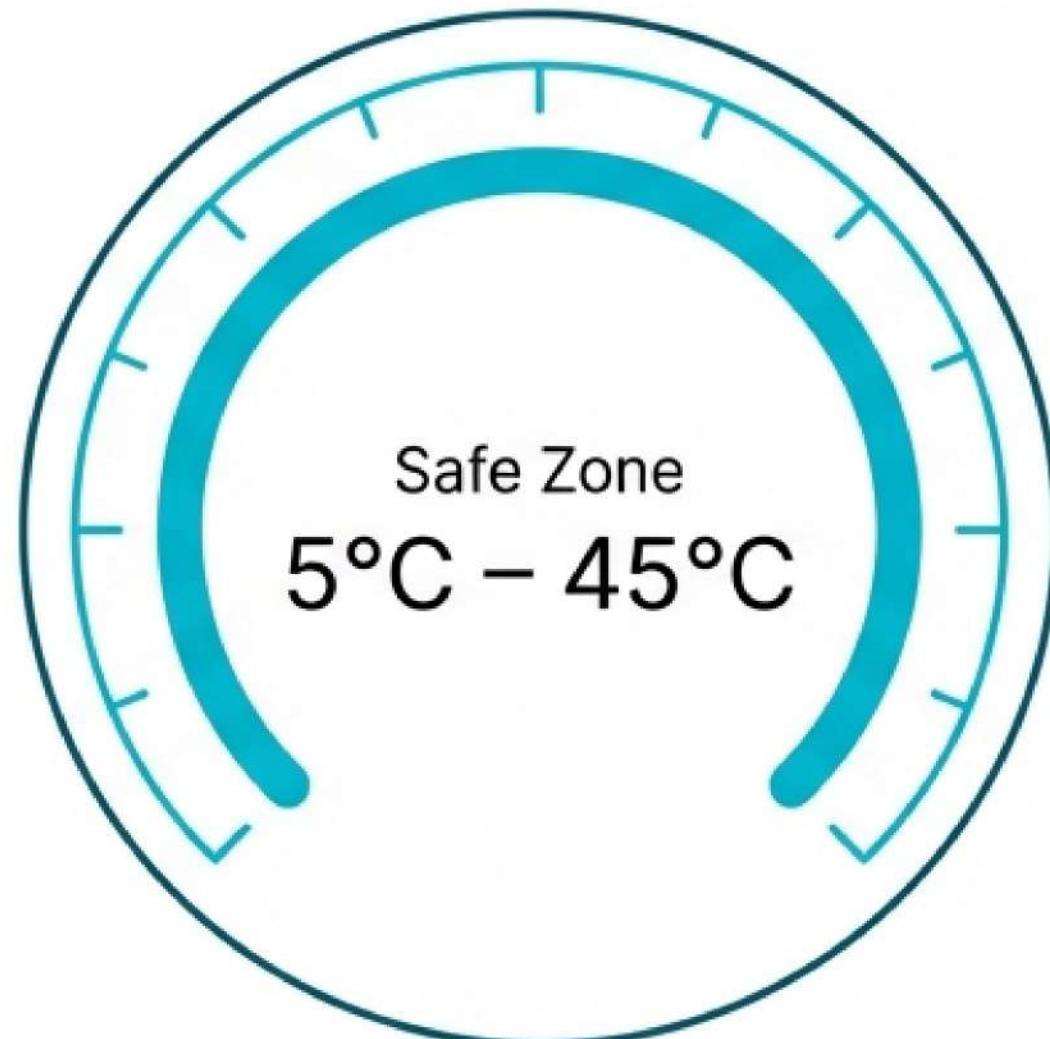


Stoneware / Brick pattern.

PREPARATION PROTOCOL



ENVIRONMENTAL CONDITIONS



Application & Storage Temp



No Direct Sun



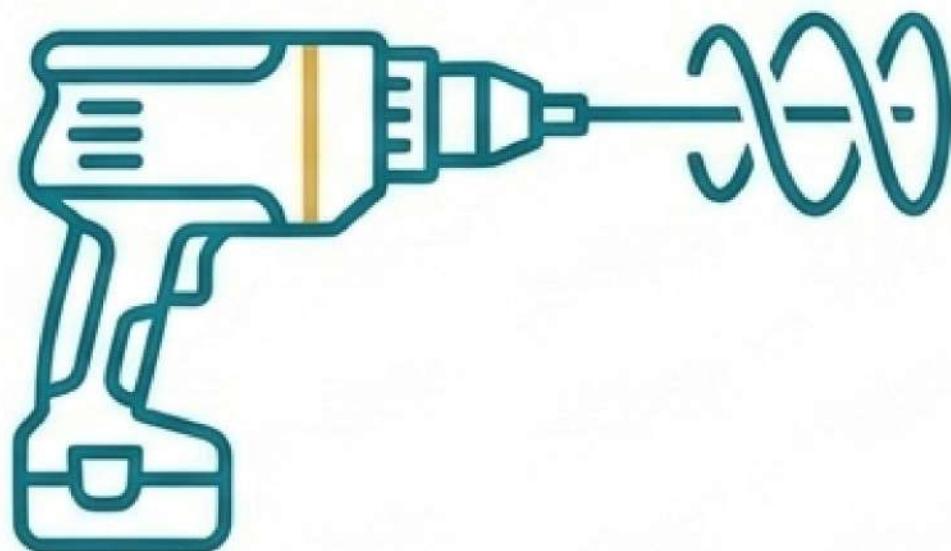
No Strong Wind



No Rain / Frost

Shelf Life: 2 Years (Sealed). Once opened, use within 15-20 days.

MIXING & EQUIPMENT



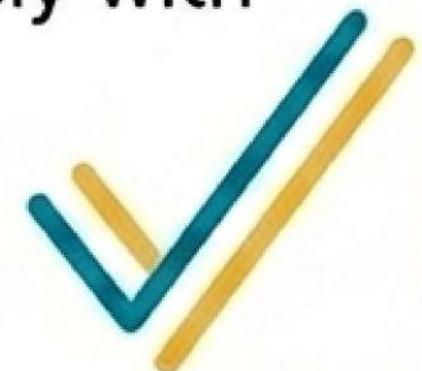
Homogenization.
Mechanical mixing recommended until completely uniform.



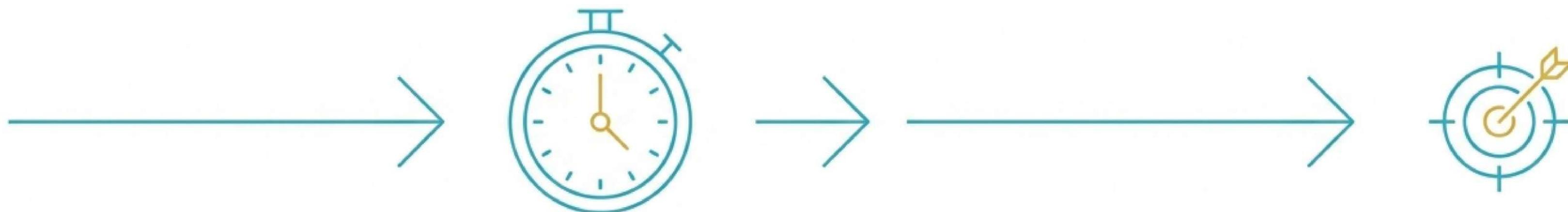
Dilution.
Add 8–15% clean water for fluidity (~200ml per bucket).



Application Tools.
Clean immediately with water after use.



EXECUTION TIMELINE



COAT 1

Apply first layer.
Cross-coats
recommended.

WAIT 4-6 HOURS

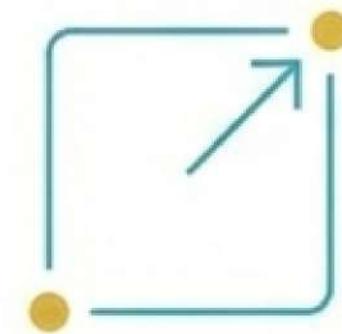
Variable based
on humidity &
thickness.

COAT 2/3

Apply subsequent
layers.

TARGET THICKNESS: 300 - 500 microns

TECHNICAL METRICS



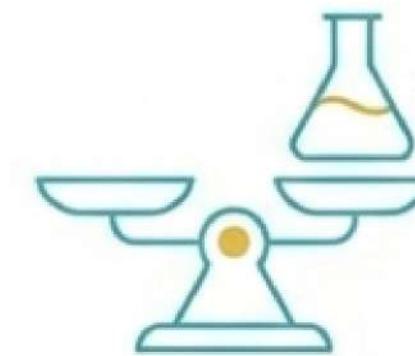
5 - 7 m²

Yield per liter
(per layer)



0.35 L

Consumption
per m²



1.1 kg/L

Density

Packaging Available: 4L Buckets (~4.5 kg) and 15L Buckets (~16.5 kg)

AESTHETIC FINISH

Texture: Natural Sandy / Cork appearance.

Durability: Excellent color retention, wet-scrub resistant.

Palette: 28 Standard Colors. Custom NCS matching available upon request.



Help Us Help You Innovation in Protection.



The information provided is based on extensive practical experience and laboratory tests.
Practical tests are recommended to ensure compatibility for each specific application.