Panache

Cool Buildings. Cool Cities. Cooler Planet.

PANACHE India's only complete -
Cool & Climate-Resilient Building Envelope suite
under one brand, certified by **GreenPro · GRIHA · LEED · DCL** & aligned with **ECSBC · Cool Roof Rating Council, USA.**

Reshaping the world's built environment for a cooler, healthier, sustainable future.

PANACHE

GREENTECH SOLUTIONS

India’s Pioneer in Cool & Climate-Resilient Building Envelopes.

Complete Range of Products for Urban Heat Island (UHI) Mitigation

COOL ROOFS | COOL WALLS | THERMAL INSULATION | WATERPROOFING | PAVEMENT | SPECIALITY

↓ 20–30%	↓ 20–25°C	↓ 4–8°C	8–12 months
Energy Costs	Roof Surface Temp	Indoor Ambient Temp	ROI Period

CII Innovation Award • Vishwakarma Award 2024 • ASSOCHAM SME Women Champion 2025–26 • IGBC Executive Board • CRRC Certified Educator

Consultants & Project Partners

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OUR PORTFOLIO AT A GLANCE

Six product families — one integrated building envelope

PANACHE
GREENTECH SOLUTIONS

COOL ROOFS

Reflective Roof Solutions

- Cool Top Premium (SRI 109)
- Cool Top Eco (SRI 107)
- Cool Top Tiles (SRI 85–110)
- Note: High SRI value product range is also available

COOL WALLS

Reflective Wall Paints & Textures

- Cool Wrap — Reflective Exterior Paint
- Rustic Texture + Cool Wrap
- Reflective Tinted Texture
- Note: Light Color shades area available for the wall paints

THERMAL INSULATION

Over-Deck Roof & Wall Systems

- Insulmix Roof Screed
- CIS Roof Assembly (Insulation + WP + Cool)
- Insulmix Wall Plaster
- CIS Wall Assembly (Insulation + WP + Cool)

WATERPROOFING + WATER REPELLENTS

Fabric Reinforced & PU-Based Systems

- FASC — Cooling + Waterproofing system(exposed roofs)
- FAP — Protective WP for new RCC
- PU based waterproofing -2K Cementitious PU · FAP PU Seal Flex.
- Nanoseal Super / Dry Look / Hybrid

PAVEMENT

Cool & Pervious Surfaces

- Cool Top Xpress — Reflective Coating
- Perco Flex Pavers — Pervious System
- Reduces UHI by 2–3°C

SPECIALITY

Fabric Treatments

- Fabriguard — Fabric Water Repellent
- Flamguard — Flame Retardant

COOL ROOFS

High-SRI Reflective Roof Coatings & Tiles · Life: 3–10+ years

PANACHE
GREENTECH SOLUTIONS

SRI 100+	↓ 20–25°C	↓ 4–8°C	20–30%
Solar Reflectance Index	Roof Surface Temp	Indoor Ambient Temp	Energy Cost Savings

Cool Top Premium

Premium Reflective Cool Roof System | SRI 109 | Life 8+ yrs

- Assembly: Cool Guard + Cool Top + Transeal
- Metal · Corrugated · Industrial Sheds · Warehouses
- RCC Flat / Slant / VDF · China Mosaic · Clay tiles
- Indoor temp ↓ 4–8°C | Roof surface ↓ 20–25°C
- **GreenPro · GRIHA · DCL Approved & Certified**
- Best for long-life industrial & commercial projects

Cool Top Eco

Affordable Reflective Cool Roof Coating | SRI 107 | Life 3+ yrs

- Assembly: Self Prime + Cool Top
- Flat · Slant · Cement · Asbestos · Metal Sheets
- Ideal for budget & mass-adoption projects
- Indoor temp ↓ 3–4°C | Roof surface ↓ 18–20°C
- **GreenPro · GRIHA · DCL Approved & Certified**
- Recommended for CSR & social-infrastructure projects

Cool Top Tiles

High-SRI Cool Roof Tiles — Permanent Solution | SRI 85–110

- 1×1 sq.ft (300×300 mm) · 9 mm thick · 8.7 sq.ft/box
- Flat roofs — Residential & Institutional
- New construction & re-roofing applications
- Commercial, Government, Educational buildings
- Recommended for cafeterias & high-foot-traffic zones
- Durable, walkable, maintenance-free surface

THE COOL ROOFS

High SRI Reflective Cool Roof Coatings



COOL TOPS - METAL ROOF
COOL ROOF COATINGS



COOL TOP TILES - COOL ROOF TILES



COOL TOPS - CEMENT ROOF
COOL ROOF COATINGS

Reduce wall heat ingress · Aesthetic exterior finish · Life 8–10 years · Weather-resistant

Replaces conventional exterior paint | Works on plastered, pre-painted & textured walls

Cool Wrap Reflective Cool Paint

High-SRI Reflective Exterior Wall Paint | Life 8–10 yrs

- Replaces conventional exterior paints
- Works on plastered, pre-painted, textured walls
- Reduces wall heat ingress + indoor temp
- Weather resistant · Low maintenance
- Assembly: Primer + Reflective Paint
- Wide colour range with retained SRI performance

Rustic Texture + Cool Wrap Paint

Decorative Textured Finish with Reflective Cool Paint

- For new & existing buildings
- Combines aesthetic appeal + thermal comfort
- Customisable texture finishes
- All exterior substrates
- Assembly: Texture + Primer + Reflective Paint
- Ideal for premium architectural facades

Tinted Cool Wrap Wall Texture

Cementitious Insulated Plaster — Interior + Exterior

- RCC · Brick · Mivan walls
- Exterior applications.
- For new & existing buildings.
- Combines aesthetic appeal + thermal comfort.
- Customisable rustic texture finishes
- Ideal for premium architectural facades
- Self tinted with reflective pigments
- Provides reflective cooling with aesthetics
- No wall paint required after application
- Water repellent required to prevent algae development

COOL WRAP - THE COOL WALL PAINTS

High SRI Reflective Cool Exterior Wall Paints

- Replaces Normal Paint
- Weather Resistant
- Providing Cooling
- Life 8-10 Years.
- Reduces Surface Temp And
- Stops The Heating Of Walls,
- Thus Reducing The Indoor Heat Ingress.







REFLECTIVE COOL PAVEMENT

Cool Pavements, Cycle Tracks, Roads & Reflective Pervious Pavement

PANACHE

GREENTECH SOLUTIONS

Reduce heating of Cities . Cool down the roads & pavements . Reduces UHI impacts

Cool Top Xpress

Cool Reflective Pavement & Road Coating — UHI Mitigation

- Roads · Driveways · Parking lots · Cycle tracks
- Airfields · Walkways · Tourist spots · Public spaces
- Reduces surrounding-area temperature by 2–3°C
- Assembly: Asphalt Prime + Cool Top Xpress
- Limited colors available - Light grey, green, blue, yellow

Cool Top Perco pavers

Reflective Pervious pavers for Pavements — UHI Mitigation

- Reflective Pavements · Open courtyards · Walkways
- Landscaped areas · Urban stormwater zones
- Reduces waterlogging & surface runoff
- Supports SUDS & sustainable site drainage credits







COOL TOP XPRESS

Cool Roads, Cycle Tracks, Pavements

Mass Application Reduces UHI - City Temp by 2-3 Deg. C

APPLICATIONS

Pavements,

Driveways ,

Parking lots,

Roads Airfields

COOL TOP XPRESS is available in different colours.



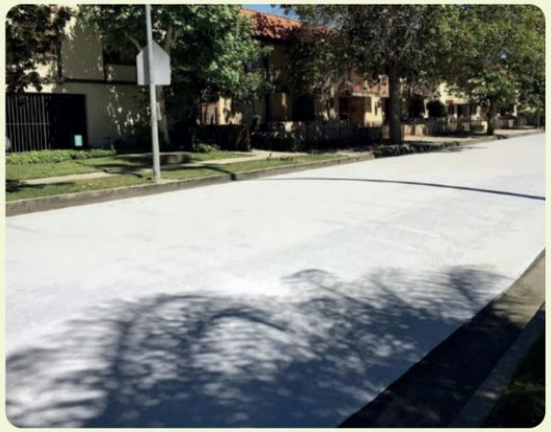
WHITE
- SRI - 102

BLUISH GREY
- SRI - 49.5

GREEN
- SRI - 45

SRI - 45









THERMAL INSULATION - ROOFS

Cementitious Over-Deck Roof Insulation Systems

PANACHE

GREENTECH SOLUTIONS

K = 0.039
Thermal Conductivity

Jointless
No Crack · No Debond

Integrated
WP + Insulation + Slope

RCC Ready
Flat & Slant Roofs

Insulmix Roof Screed

Cementitious Over-Deck Thermal Insulation Screed | K = 0.039

- Lightweight cementitious roof screed
- Thickness 25 to 75 mm as per design of roof
- Provides thermal insulation + slope correction
- Works on RCC flat & slant roofs (all types)
- New construction & existing buildings
- No crack · No tile-debond · Jointless surface
- Boosts AC efficiency · Reduces cooling load
- Ideal under tile, cool coating or waterproofing top

CIS Roof Assembly

Cool Insulated Sustainable — Integrated Roof System

- All-in-one: Waterproofing + Insulation + Slope + Reflective Cool Roof
- Single integrated assembly — faster execution
- Applicable on all RCC roofs
- Significantly extends roof service life
- Improves building energy performance
- Eligible for IGBC / LEED / GRIHA credits
- Recommended for industrial, commercial & institutional roofs
- Replaces multiple-layered conventional roofs
- Thickness of insulated screed - 25 to 75 mm as per design of roof

CONCRETE FAMILY BASED ROOF THERMAL INSULATION MATERIAL

INSULMIX ROOF SCREED

Certified K Value = 0.039

Roof Assembly Thermal Properties

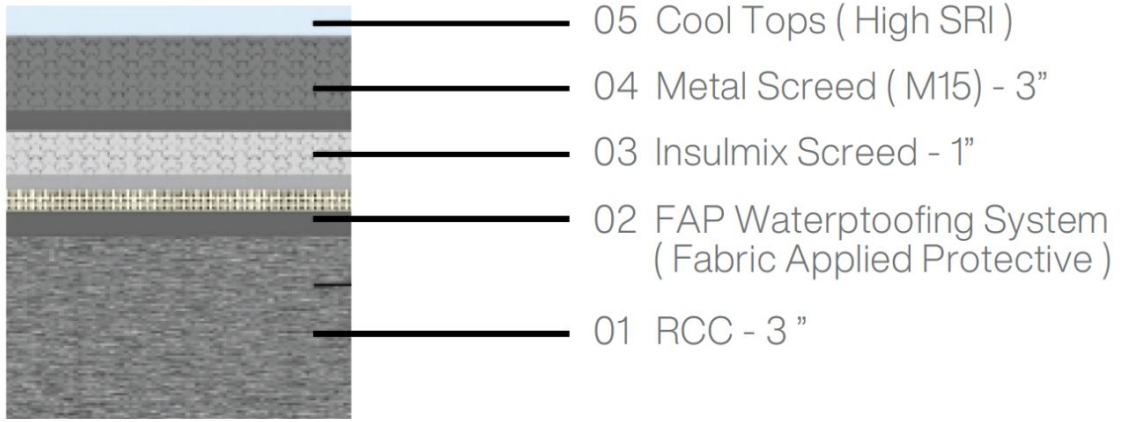
Layer	K Value (W/m.k)	Thickness (mm)	R - Value
Insulmix Roof Screed	0.039	25	0.6410 m^2.K/W





CIS Roofing - Cool Insulated & Waterproof Roofs

Roof Assembly R Value Achieved up to 13hr.ft^2.^{0}F / Btu



THERMAL INSULATION - WALLS

Cementitious Wall Insulation Systems

PANACHE

GREENTECH SOLUTIONS

K = 0.039
Thermal Conductivity

Jointless
No Crack · No Tile Debond

Integrated
WP + Insulation + Reflective Paint

RCC Ready
Mivan . Bricks walls

Insulmix Wall plaster

Cementitious Thermal Insulation Wall Plaster | K = 0.039

- Lightweight cementitious wall plaster
- Provides thermal insulation
- Works on RCC · Brick · Mivan walls
- Interior & exterior applications
- New construction & existing buildings
- No crack · No tile-debond · Jointless surface
- Reduces hot + cold transmittance
- No expansion / no crack issues
- Boosts AC efficiency · Reduces cooling load
- Ideal under tile, as final finish.
-

CIS Wall Assembly

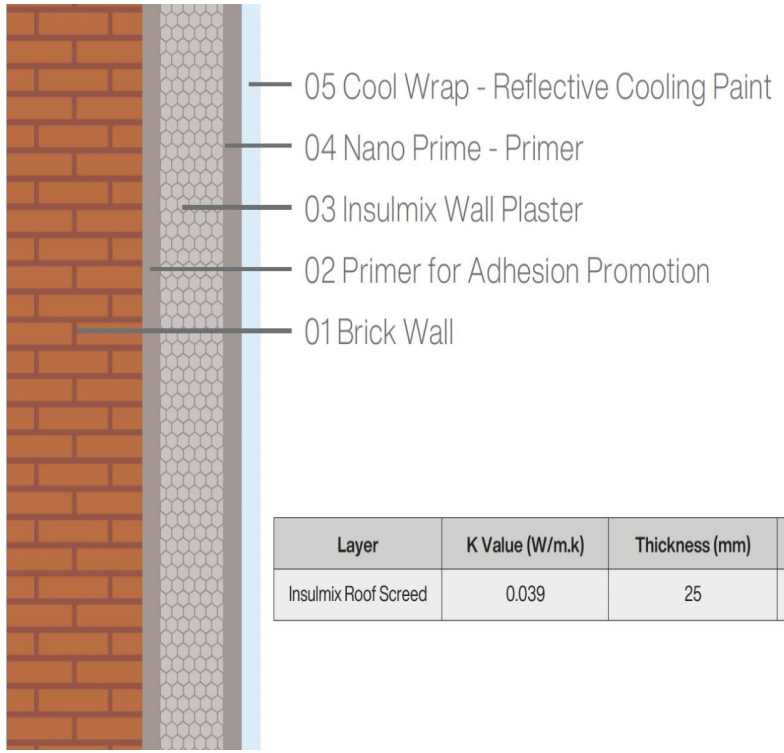
Cool Insulated Sustainable — Integrated Wall System

- All-in-one: Waterproofing + Insulation + Reflective Cool Wall
- Single integrated assembly — faster execution
- Significantly extends wall life
- Improves building energy performance
- Eligible for IGBC / LEED / GRIHA credits
- Recommended for industrial, commercial & institutional walls
- Best on RCC · Brick · Mivan walls
- Easy to install by conventional mansion.
- Assembly: Primer + Plaster in 2 dash + Smoothening.
- Total thickness recommended 18 -20 mm
- Pairs with Cool Wrap for maximum efficiency

CONCRETE FAMILY BASED WALL THERMAL INSULATION MATERIAL

INSULMIX WALL PLASTER

Certified K Value = 0.039



Layer	K Value (W/m.k)	Thickness (mm)	R - Value
Insulmix Roof Screed	0.039	25	0.6410 m².K/W

CIS WALL ASSEMBLY



INSULMIX WALL PLASTER

WATERPROOFING

Fabric-Reinforced & PU-Based Systems for Every Application

PANACHE

GREENTECH SOLUTIONS

FASC Roofing System (Cooling & Waterproofing - Exposed Roof)

Fabric Applied Sustainable Cooling + Waterproofing — One System

- Existing rooftops (slant roofs) · Metal & cement sheds
- Corrective waterproofing application
- Cooling + Waterproofing in a single assembly
- Assembly: Priming + Fabric + Cool Guard + Cool Top + Transeal
- Provides cooling & waterproofing both

FAP System (Fabric Applied Protective Waterproofing System)

Fabric Applied Protective Waterproofing — for New Construction

- New RCC slabs · OHT & underground tanks.Non roof RCCs
- Balconies, utility areas & wet zones
- Pre-tile protective layer
- Assembly: Priming + Fabric + 2K WP + 2 mm Protective Plaster

2K Cementitious PU Seal based waterproofing

Hi-Seal Powder + PU Seal Liquid — 2K High-Performance System

- Roofs, terraces & podiums · Balconies
- Swimming pools & water-retaining structures
- Flexible · Crack-bridging · Long life
- Assembly: Priming + Fabric + 2K PU WP + 2 mm Protective Plaster

PU Seal Flex

Single-Component Hybrid Polyurethane Waterproofing — UV-Stable, RTU

- Protective-grade waterproofing
- Roof decks · Exposed surfaces · Penetrations
- Flashings · Detail-area sealing
- Assembly: Priming + Fabric + PU Seal Flex + Dry Cement Spread

WATERPROOFING SOLUTIONS



Preventive & Corrective Waterproofing

Exposed & Protective Waterproofing

Acrylic Based & PUD Based Waterproofing Coatings







Invisible finish · Does not change appearance · Long-term seepage & staining prevention

Works on exposed concrete, brick, stone & plaster — for facades, wet areas & exteriors

Nanoseal Super

Penetrating Water + Oil Repellent | Hydrophobic & Oleophobic

- All wall substrates — exposed concrete, brick, stone, plaster
- Strong beading effect against water & oils
- Prevents seepage, staining & efflorescence
- Hydrophobic + Oleophobic formulation
- Invisible finish — does not change appearance
- Recommended for premium facades & exposed exteriors

Nanoseal Dry Look

Simple Penetrating Wall Water Repellent | Dry-Effect Finish

- All wall substrates — exposed concrete, brick, stone, plaster
- Provides a clean dry-effect finish
- Prevents seepage & water ingress
- Hydrophobic formulation
- Invisible finish — does not alter look
- Ideal for mass facade waterproofing applications

Sealers & Primers

Salt-Resistant Primers + Tile-Back Primers

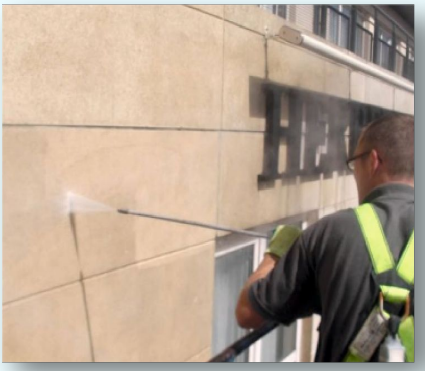
- Exposed exterior & wet-area walls
- Prevents salt damage & efflorescence
- Tile-laying substrate adhesion preparation
- Exterior walls, bathrooms, kitchens
- Essential preparation layer for coatings & tiles
- Extends life of subsequent finishes

WATER REPELLENTS

Hydrophobic Water Repellents

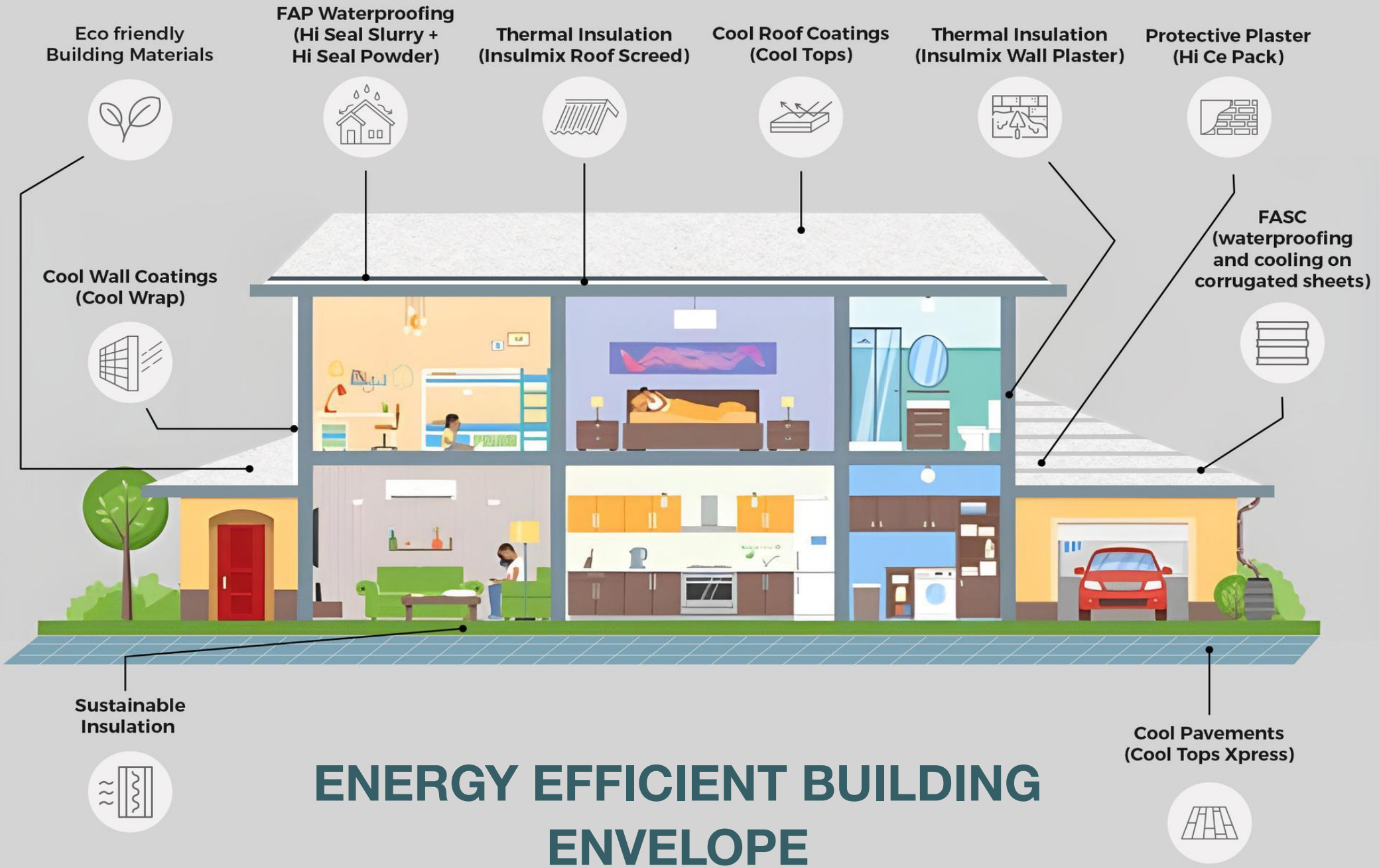
Hydrophobic & Oleophobic Water Repellents

Hybrid Water Repellents









ENERGY EFFICIENT BUILDING ENVELOPE

Fabriguard

Hydrophobic Fabric & Textile Water Repellent Coating

- Awnings · Tents · Canvas · Industrial fabrics
- Outdoor & architectural textiles
- Commercial finishing & specialty fabric applications
- Invisible · Does not affect look or texture

Flamguard

Flame Retardant Treatment for Fabrics & Textiles

- Curtains · Upholstery · Drapes
- Industrial & stage fabrics
- Commercial & institutional buildings
- Fire-safety compliance for textile assets

Testimonials



Successful Projects



VALIDATED. CERTIFIED. CREDIBLE

Credentials & trust decide who gets specified. We carry the ones that matter.

GREEN PRO- Green Pro Certification

Compliant with all Green Buildings

GRIHA- Green Rating for Integrated Habitat Assessment

Listed solution for green buildings

LEED- Leadership in Energy and Environmental Design

Specified across LEED-aligned projects

CRRC- Cool Roof Rating Council

Founding Member with Wall Program & Steering committee member for Roofs

DCL- Dubai Central Laboratory

Certified for Dubai exports, already have team & projects done

ECSBC- Energy Conservation Sustainable Building Code

Compliant with the building Code Mandatory norms

SRI- Solar Reflective Index Testing

Independently verified reflectivity ratings

ISO- Quality Management Systems

Manufacturing & QA process certified

EPD- Environment Protection Declaration

In Progress

Panache Presence Matters:

The only Indian company seated on the international CRRC platform for cool surfaces.

WHY SPECIFY PANACHE?

Benefits for Architects, Consultants & Green Building Professionals

↓ 20–30%

Energy Cost Savings

HVAC consumption reduction · Directly impacts OpEx · Supports LEED EA Credits

↓ 4–8°C

Indoor Thermal Comfort

Ambient temp drop without raising AC load · Productivity gain in workspaces

CO_2 ↓

Carbon Footprint Reduction

Buildings = 40% of global energy use · Scope 1 & 2 reduction · Net Zero pathways

IGBC·LEED·GRIHA·DCL

Green Building Credits

Heat Island Reduction · Energy Efficiency · Water Management · Materials & Resources

8–12 months

Fast Payback Period

Industrial cool roofs ROI 6–8 mo · Long product life (8–10+ yrs) = low LCA

↓ 2–3°C

Urban Heat Island Mitigation

City-scale temp reduction · Smart City alignment · Telangana Cool Roof compliant

Let's Make Buildings

Cooler · Greener · More Resilient.

We can help across your entire building envelope —

walls, roof, waterproofing, insulation, pavement and speciality.

GET IN TOUCH

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RECOGNISED FOR EXCELLENCE

- **Part Of Telangana Cool Roof Policy Release Team**
- **CII Innovation Award**
- **Vishwakarma Award 2024**
- **ASSOCHAM SME Women Champion 2025–26**
- **IGBC Executive Board Member**
- **CRRC Certified Educator**
- **75 Top Innovative Companies of India**

Schedule a portfolio walk-through — we will customise the solution stack for your project.