



# PRODUCT APPLICATIONS

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# WHO WE ARE

**T**he dictionary meaning of **TRAILBLAZER** is - **“a person who makes a new track through the wild country” or “a person who is the first to do something; an innovator.”**

As the name suggests, TRAILBLAZER Incorporation is an innovative idea converted into reality and a professionally managed company in the field of weather proofing and speciality flooring solutions for the constructions industry. Our solutions help in protecting every possible substrate in the construction industry from the ill effects of weather. We are a one of a kind company in India, though in nascent age, to provide end to end solutions for pre and post construction stages. We work closely with Architects, PMCs, Structural Engineers, Construction companies and help them in enhancing the life of their buildings and add value to it.

We have a full fledged infrastructure with easy to reach offices in Nagpur, Chandigarh, operating in MP & Chhattisgarh along with Maharashtra. We also have well managed operations, a devoted team of young and enthusiastic professionals in top management, and trained staff with a friendly work environment to nurture the professional development, which believes in teamwork & is always adaptable to new ideas.

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# VISION

To be the leading solutions provider in India by offering the best of services and not only being financially profitable, but extremely rewarding in the all the other positive results we create for the customers, stakeholders and employees.

# STONEBLAZER



Natural stones have always been popular in constructions since ancient ages and are still dream substrate for Architects to showcase their creativity to the max. However, the makeup and the porosity of most stones leave it prone to certain type of damages like fungus, algae, staining, salt attack and general weathering.

STONEBLAZER applications are specially designed applications for natural stones with the formulations made of high quality polymers from Germany. The speciality of the application is that it doesn't block breathing of the stone surface and thus retains the beauty of natural stone without making any changes on the surface unless desired.

## APPLICATION AREAS:

Stone Façade, Stone Floorings, Stone claddings and all stones used in construction.

## BENEFITS

- » Maximum reduction of water uptake
- » Permeability to water vapour: breathability
- » Resistance to UV light, reduced efflorescence
- » NO ALGAE/FUNGUS or other Micro Organism
- » Keep substrates dry and dust free
- » No change in surface appearance
- » Long lasting effect, outstanding durability & protection
- » Reduced maintenance: cost saving

### STONEBLAZER SS

Deep impregnating application without changing the appearance or physical characteristic of the stone surface.

### STONEBLAZER SSG

Special application which doesn't change the colour of the stone but provides a little gloss

### STONEBLAZER DS

Special application meant for the dense stones like marble, travertine etc. for making it weatherproof and stain repellent. Stone looks new after years also

### STONEBLAZER WL

This application enhances the look and details of the stone and provide magnificent wet look to it

### STONEBLAZER WLG

This is meant for clients who like little gloss with the details enhancement



# HEATBLAZER



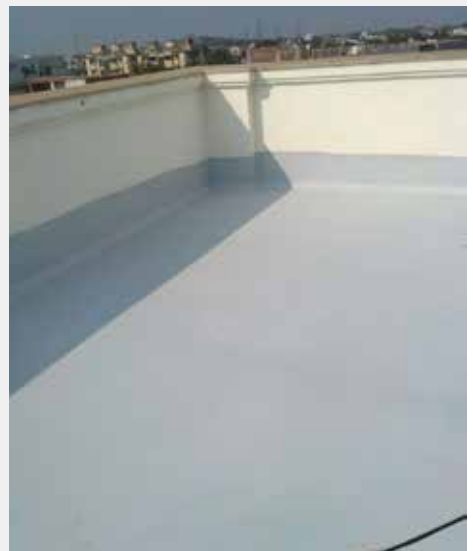
A single component universal thermal insulating water resistant structural protective system with an innovation of third generation advanced polymer technology - a linear aliphatic polymer based formulation. It is an advanced chemical technology system which on application forms a waterproof elastomeric seal in the form of monolithic uniform coat that provides protection from ultraviolet & Infra red rays, ageing and normal weathering. It reflects heat as well as it does not allow the heat flux transmission. It reduces building maintenance cost as well as saves air conditioning energy.

## APPLICATION AREAS:

Building roof and exterior walls. Industrial structure roofs, walls i.e. concrete slab roof, asbestos sheet roof, tin sheet roof; Hospital building roof and walls. Buses and railway coach roofs. Petrol pump room roofs and petrol storage tanks.

## BENEFITS

- » Resist heat on all roof or vertical surfaces such as RCC, Concrete, Metallic, Asbestos, GI, Galbanum sheets, Pre-Coated roof sheets and Poly-flex.
- » Unique non-conductivity (to heat) property keeps the building warm in cold season and cool in hot season.
- » Eco friendly for green building constructions.
- » Saves electricity due to lower temperature and load on AC.
- » Lightweight-puts less stress on the building.
- » Excellent adhesion strength and abrasion resistance
- » High reflective - light reflection, value of 92 at 700nm with Solar Reflective Index of 120.
- » Roof temperature reduction: up to 20°C in peak summer



# FLOORBLAZER



Concrete flooring, sometimes referred to as cement flooring, no longer has to be gray and boring.

FLOORBLAZER with unlimited choices of colour, pattern and texture etc., can bring new life to this traditional substrate to create unique visual effects that can't be achieved with any other flooring material. FLOORBLAZER option allows us to create and re-create stunning floors that are totally unique and which can accommodate all of client's & Architect's requirements and is available with thousands of designer options

## APPLICATION AREAS:

Retail shops, Logistics centres, Bungalows, Garage, Commercial areas and offices, Production areas, A modern environment, Warehouses, Parking, Offices, Airports, Schools, Showroom, Galleries, Museums, Discos, Pub.

## BENEFITS

- » Durable with low maintenance
- » Aesthetically pleasing designer surfaces
- » Hard with excellent abrasion resistance
- » Unlimited choices available
- » Large areas with seamless design
- » A green & Environment friendly application
- » For industrial floor- dust free, micro chipping free, high gloss durable surface.

### FLOORBLAZER PLN

The good old concrete look with seamless, mirror finish, aesthetically pleasing, hard & Abrasion resistant floor

### FLOORBLAZER TXT

Beautiful 2 mm seamless concrete floor in desired choice of colours with little texture

### FLOORBLAZER CUSTOM

Custom design your floor with the options available with Floorblazer and bring your imagination to life

### FLOORBLAZER SLIM

Beautiful 2 mm seamless concrete floor in desired choice of colours.

### FLOORBLAZER PARK

Hard, abrasion resistant, stain proof, anti slip seamless concrete floor for parking in choice of colours

### FLOORBLAZER TERRAZZO

Terrazzo floor with special aggregates is back in fashion again with better options from Floorblazer



# WEATHERBLAZER PAINT



Unique application with enormous promise, adaptable and versatile, Silicone Resin Emulsion Paint systems like Weatherblazer Paint system are one of the most advanced and preferred painting systems in developed countries due to many advantages over film forming painting systems.

Unlike the various film-forming coatings such as those based on acrylic or other synthetic resins, building materials that have been treated with Weatherblazer Paint system retain their vapour permeability without forming any film on the surface.

## BENEFITS

### WATERPROOFNESS:

prevents absorption of water into substrates.

### WATER VAPOR PERMEABLE:

breathability increases life span of the building.

### WATER REPELLENT:

No effect of heavy rain and water pressure

### DUST REPELLENT:

Beads of Water roll off along with Dirt & dust doesn't stick to the surface.

### NO ALGAE/FUNGUS:

protection of facades against growth of Algae/ Fungus (Micro Organism).

### NO CHIPPING/FLAKING:

Because of Breathability and no film forming

### RESISTANCE TO UV LIGHT:

Means no fading of Colours & Elastomeric Property remains intact.

### TIME SAVING SYSTEM:

Freshly plastered surface can be painted immediately after 8 days.

### KEEPS FAÇADE NEW:

Long lasting effect, outstanding durability & weatherproof protection.

### ENVIRONMENTAL FRIENDLY:

Solvent free - water born & excellent environmental compatible.

### ECONOMICAL:

Very long life (more than 20 years). No necessity for any renovation /repainting with almost no maintenance.



# WATERBLAZER



As a specialised waterproofing service provider, Trailblazer incorporation has been successfully able to establish itself as a niche category player in the field with its innovative, technically advanced keeping in line with the rest of world, eco friendly without putting extra pressure on the resources, long lasting and economical solutions

## APPLICATION AREAS:

Waterproofing of Basements, Water Tanks, Bathrooms, Terraces, Terrace Gardens & Swimming Pools etc.

## BENEFITS

- » Virtually no extra load if slope is maintained during RCC in Terraces.
- » Other integral waterproofing methods and box type waterproofing are rigid and have no elastomeric and crack bridging properties while TI applications are highly flexible with crack bridging.
- » TI applications are time saving and human errors are omitted.
- » TI provides end to end solution and thus takes full responsibility of material, labour and application.
- » TI applications provide excellent protection against water under pressure with excellent adhesion to all substrates
- » TI applications are UV protected, non corrosive with high abrasion resistant hence require no protection screed and can be left open to sky.
- » Client can earn LEED points with TI applications.
- » And most importantly, TI applications are **ECONOMICAL** as compare to conventional methods.

### WATERBLAZER 101

Special waterproofing system with Polymer modified Mineral Slurries and 200% elongation. This works for all the substrates and areas in construction industry.

### WATERBLAZER TR

Transparent waterproofing for terraces with leakages issues where client wants to retain the existing substrate on terrace floor.

### DAMPBLAZER

A specialised application with Chemical Pressure grouting for preventing the rising dampness in the building through floors or walls.

### WATERBLAZER BLK

An Aliphatic Polymer modified Liquid waterproofing membrane system with 900% elongation, suitable for basements, Terrace gardens, Swimming pools etc.

### WATERBLAZER NA

General purpose waterproofing application for everywhere use.



# TOPBLAZER



A universal protection and transparent weatherproofing system with single component self cross linking polymer which can be used on any surface. It has outstanding durability, water & chemical resistance, toughness, wear resistance, good bonding, food stain resistance, pet urine resistance, dust repellence & easy to clean by water or soap solution. It remains transparent like water over the substrate.

## APPLICATION AREAS:

Exposed RCC walls, over & above interior – exterior paints, driveway, walkway, sidewalks, pavers, porches / patios, un-glazed tile, exposed brick, textured finishes to protect from water, wear and microorganism.

## BENEFITS

- » Excellent tough & flexible transparent water proof coating.
- » Resistant to water, soap & detergent, grease, oils, alkalis & hot auto tire marks.
- » UV resistant and weather durable.
- » See through , flexible , abrasion and scratch resistant coating.
- » Nonhazardous, non flammable, nontoxic, safe for the environment and the people applying it.





# RAINBLAZER



An innovative application done with special chemical compounds which goes inside the pores of the glass, reacts chemically with it and make the surface HYDROPHOBIC. It simply means that the water doesn't stick on the glass surface the keeps it almost dry and dust free.

## BENEFITS

- » Maximum reduction of water uptake
- » NO ALGAE/FUNGUS:- Along with water it repels dirt/dust particles, results in protection of facades against growth of Algae /Fungus (Micro Organism)
- » Extensive penetration, adequate resistance to alkalis
- » Permeability to water vapour: breathability
- » Resistance to UV light, reduced efflorescence
- » Long lasting effect, outstanding durability & protection
- » Reduced maintenance: cost saving



# BRICKBLAZER/ CONCRETEBLAZER



This application keeps the exposed brick/concrete walls even on the exteriors as new even after years of construction, bringing the dreams of Architects' and Designers' come true who are fond of using exposed bricks/ raw concrete but were restricted due to the high maintenance of the same.

## BENEFITS

- » Maximum reduction of water uptake
- » NO ALGAE/FUNGUS:- Along with water it repels dirt/ dust particles, results in protection of facades against growth of Algae /Fungus (Micro Organism)
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### BRICKBLAZER & CONCRETEBLAZER SS

This application works without changing the appearance or physical characteristic of the surface

### BRICKBLAZER & CONCRETEBLAZER WL

This application enhances the look and provide magnificent wet look to it

### BRICKBLAZER & CONCRETEBLAZER SSG

This application doesn't change the colour but provides a gloss

### BRICKBLAZER & CONCRETEBLAZER WLG

This application provides a wet look with a little gloss to it



# WOODBLAZER



An application for the protection of the exposed wood used in constructions and an excellent solution for those who love to use wood in the exteriors. The beauty of this treatment is that it doesn't affect the aging of the wood and still keeps it protected.

## APPLICATION AREAS:

Wooden decks, Farm Houses, Windows & door frames

## BENEFITS

- » Development of long lasting beading effect on wood
- » Significant reduction of capillary water absorption of wood, particularly after weathering
- » No protection against degradation of lignin by UV radiation and accompanying greying (UV transparent)
- » Increases the durability and longevity of wood stains/coatings for wood because of excellent hydrophobic properties
- » Helps to minimize all harmful effects caused by water uptake

### WOODBLAZER SS

This application works without changing the appearance or physical characteristic of the wooden surface

### WOODBLAZER SSG

This application provides a little gloss, suitable for outer frames of doors & windows

### WOODBLAZER WL

This application imparts a wet look to the wood without forming any film on it

### WOODBLAZER WLG

This application provides a wet look with a little gloss to it



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## WHY US

**T**RAILBLAZER INCORPORATION is a pioneer in the weatherproofing applications for the constructions industry with its unique, eco friendly and pocket friendly end to end solutions with the latest technologies and systems from the world.

Unique treatments with enormous promise, adaptable and versatile, Trailblazer Applications are done with a family of polymers made from the products of nature – silicon, oxygen, carbon and hydrogen and minerals.

We provide complete solutions with professional systems for waterproofing/ weatherproofing along with the material and the application under one roof which enables us to **take the complete responsibility of the project.**

All our systems are based on the formulations provided by our principals from Germany and all our products adhere to the ASTM standards.

All our systems/ applications are based on Green construction and try to put minimal load on the structures and the infrastructure.

In waterproofing applications, we are especially known for providing the solutions to leakages problems without major breaking/ dismantling in the structures and this is possible because all our systems are UV Rays resistant and are made for open to sky applications.

We provide warranty for the whole system including the material and the workmanship.

## TERRACE

Waterblazer Applications  
Heatblazer

## EXTERIORS

Stoneblazer Applications  
Weatherblazer Paint  
Heatblazer  
Woodblazer Applications  
Brickblazer/Concreteblazer Applications  
Rainblazer

## WATERPROOFING SERVICES

Basements  
Underground/Overhead tanks  
Bathrooms & Balconies  
Terraces & Terrace Gardens  
Swimming Pools  
Podiums

## FLOORS & PARKING AREAS

Floorblazer PLN	Floorblazer PARK
Floorblazer Terrazzo	Floorblazer Custom
Floorblazer SLIM	Stoneblazer DS
Floorblazer TXT	Topblazer

## SPECIALISED INDUSTRIAL APPLICATIONS

Industrial Floorings  
Heat Insulation Applications  
Acid-proof Coatings  
Anti Slip Floorings  
Anti Corrosion Coatings  
Industrial Flooring  
Repairing and Restoration

## REPAIRS RESTORATION RENNOVATION

Exterior Restoration And Renovation  
Flooring repairing and restoration  
Stone Strengthening & Restoration  
Leakage & Seepage Solutions  
Dampblazer



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