



PROTECTIVE COATINGS
SUPERIOR TECHNOLOGY
SUPERIOR PERFORMANCE

StarBlaze India - MRO Specialities

(A Division of Stellaris Specialities India Ltd.)

StarBlaze India (A Division of Stellaris Specialities India Ltd.) is a value based organization in the field of protective coating, committed to provide worthy techno –economical solutions to its esteemed customers.

The company has a vivid range of technologically superior products & solutions with capacity to upgrade the existing performance datum for the industries with respect to enhancement of component operating life.

The organization has its state of art manufacturing facility at Gurugram in the industrial hub of Haryana & has laid its foundation on delivering goods (products, solutions and services) of the highest quality with consistency with a vision to excel on its customer's satisfaction matrix.

Having expanded its horizon in multiple countries globally StarBlaze is poised to bring in the best technology products & solutions in the field of :

- Sealants.
- Adhesive.
- Special lubricants.
- Water proofing system.
- Floor coating system.
- Touch up paints.

With the above products in the anvil which are to be launched soon besides the full range of existing welding consumables & coatings, the organization naturally becomes the best choice for all type of industries because of having multiple products & solutions for all most industries under a same flagship.



CORPORATE OFFICE & MANUFACTURING FACILITY

PRIMER FOR METALS

01 StarBlaze 32B01 Epoxy Primer

Description: StarBlaze 32B01 is a solvent free primer for imparting Anti-Corrosion properties on metals.

Additional properties/ Uniqueness StarBlaze 32B01 is a Epoxy base coat having a unique property of metal high adhesion on metals & concrete Besides acting as an impermeable barrier coat against vapor & liquid corrosion it offers high adhesive strength along with elongation & flexibility. This product is to be top coated.

Application areas:

- Protecting & preserving metal structures
- Cooling towers. Containment areas
- DM plants
- Water treatment plant structures
- Dams & irrigation structures
- Marine, Coastal, Chemical, Petrochemicals & Paper Industry

Mixing Ratio: (A:B:C) 5 : 1 : NA	Curing Time Touch dry :60-90 Minutes Hard dry :2-3 Hours Full cure :72 Hours	Coverage 120ml per sq.mtr By brush: 35-45 microns DFT at 25-30°C
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Packing Size: 1/4/20 Liter



02 StarBlaze 32B02 Anti-Corrosion Surface Tolerant Coating

Description: StarBlaze 32B02 is MIO fortified solvent free immersion grade mastic coating for imparting Anti-Corrosion properties on metals & concrete

StarBlaze 32B02 is a Surface Tolerant base coat having a unique property of adhering to moist substrates of metals & concrete. Besides acting as an impermeable barrier coat against vapor & liquid corrosion it offers good resistance to abrasive wear. The base coat has high adhesive strength along with elongation & flexibility. This product is to be top coated.

Application areas:

- Protecting & preserving RCC & masonry structures
- Cooling towers. Containment areas
- DM plants
- Water treatment plants
- Dams & irrigation
- Marine, coastal, chemical, petrochemicals & paper industry

Mixing Ratio: (A:B:C) 5 : 1 : NA	Curing Time Touch-dry :60-90 Minutes Hard dry :6-8 Hours Full Cure :72 Hours	Coverage 170ml per sq.mtr By brush:80-100 microns DFT at 25-30°C
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Packing Size: 1/4/20 Liter



03 StarBlaze 35B01 Zinc Ethyl Silicate Coating

Description:

- Can withstand temperature from -90°C to 400°C(with suitable top coat can with stand 600°C)
- Suitable for marine corrosion
- Sprayable coating

Application areas:

- Cross Country pipelines
- Marine Structures
- As a primer for resisting corrosion

Mixing Ratio: (A:B:C) 87 : 3 : NA	Curing Time Touch dry :30 Minutes Hard dry :08 Hours Full cure :07 Days	Coverage 165ml per sq.mtr By brush 75 microns DFT at 25-30°C
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Packing Size: 5/20 Ltr



04 StarBlaze 35B03 Zinc Rich Primer

Description: StarBlaze 35B03 Zinc rich primer is a two component epoxy resin with presence of zinc metal.

- Provides excellent cathodic protection
- Superior adhesion to various substrates
- Can be applied in humid (6 to 98%) conditions
- Good thermal resistance(-5°C to 120°C)
- Prevents rust and inhibits corrosion
- Tolerates flash rusting & used for welded surface coating
- High tolerance to salts & chlorides & is good alternative to not dip galvanizing.

Application area :

- Refineries
- Metal Bridges & Tanks
- Marine & Offshore cooling towers/platforms.
- Structural Steel
- Pulp and paper mills
- Pipes
- Chemical processing plants

Mixing Ratio: (A:B:C)	Curing Time	Coverage
4 : 1 : NA	Touch dry :20 Minutes	8.50 sq.mtr/ltr@75µm
	Hard dry :4-6 Hours	DFT /1 Coat.
	Full cure :72 Hours	

Packing Size: 4/20 kg



05 StarBlaze 37B02 MIO Based Zinc Fortified Surface Tolerant Primer

Description: StarBlaze 37B02 is a unique two part primer for metal surfaces & provides corrosion resistance due to cathodic + barrier protection properties.

- Heat resistant.
- Flexible as elongation is better than epoxy.
- Acts as a barrier.
- Offer surface tolerant property.
- Excellent adhesion.
- Excellent flow ability.
- Can be recoated multiple times.

Application area :

- Refineries
- Metal Bridges & Tanks
- Marine & Offshore cooling towers/platforms.
- Structural Steel
- Pulp and paper mills
- Pipes
- Chemical processing plants

Mixing Ratio: (A:B:C)	Curing Time	Coverage
5 : 1 : NA	Touch dry :40 minutes	5 sq.mtr/ltr By brush
	Hard dry :8 Hours	100 micron DFT at
	Full cure :72 Hours	at 25-30°C

Packing Size: 1/4/20 kg



06 StarBlaze 37B03 Epoxy Primer for Metal Surfaces

Description:

- High adhesion to all metals
- Excellent welding property
- Seals pinholes

Application areas:

- Base coat as a primer on metals & ferro alloy for better adhesion

Mixing Ratio: (A:B:C)	Curing Time	Coverage
2 : 1 : NA	Touch dry :1-2 Hours	19.8 sq.mtr/ltr
	Hard dry :7-8 Hours	By brush: 50 micron
	Full cure :12 Hours	DFT at 25-30°C

Packing Size : 1/4/20kg



PROTECTIVE COATINGS

01 StarBlaze 31B01 Chem RL

Description: Star Blaze 31B01 is a 2part wear resistant epoxy, which has dual characteristics acting as sacrificial & barrier layer.

- Provides maximum protection with minimum surface preparation (St2)
- Wet-Tolerant property
- Works for metal and concrete surfaces
- The product is based on MIO-Zn with high density
- UV resistant & oil tolerant
- Unique flexibility with high TS
- Can be applied in cold & hot surface (-3 to 15°C)
- Used as a primer before PU top Coat
- Can be applied even in humid surfaces

Application areas:

- Sweating pipelines & water saturated concrete
- Oil and gas storage & pipelines
- Galvanised metal (Pylon's, Switchyard, GI. Roofing, Fences, Railings)
- Deteriorated /Thin walled pipe exteriors, tank exteriors, structures
- Protecting structures, both metal & concrete, against attack from acidic fumes
- Components in Coastal belts
- Deteriorated concrete – rebar exposed
- Rail Track Maintenance for bridges, gantries, etc., where possession times are minimal
- Electricity transmission pylons
- Preventing corrosion under insulation(CUI)
- Offshore - splash zones, submerged zones Offshore structures

Mixing Ratio: (A:B:C)
13.2 : 1 : NA

Curing Time
Touch dry :90 Minutes
Hard dry :24 Hours
Full cure :72 Hours

Coverage
7.3 sq.mt/ Ltr
By brush: 100
microns DFT
at 25-30°C

Packing Size : 1/4/20 Liter



02 StarBlaze 32F03 Chemical Resistant (HT) Epoxy Coating

Description: StarBlaze 32F03 is a ceramic-steel filled 2part epoxy for resisting multiple wear.

- Resist combination of wear factors like abrasion erosion & cavitation & corrosion
- Can restore its properties at an elevated temperature of 280°C
- Works on metallic & nonmetallic surface
- Fast setting property & works in outdoor & immersion applications
- Excellent adhesion
- Exhibits anti sticking properties

Application areas:

- Bag house components
- LRS tank
- Exhaust ducts & hot air ducts
- Outside furnace parts
- Chemical resistant floor coatings
- Insides of concrete reservoirs
- Chemical storage tank
- Fluid handling pump insides

Mixing Ratio: (A:B:C)
1 : 1 : NA

Curing Time
Touch dry :60 Minutes
Hard dry :24 Hours
Full cure :07 Days

Coverage
0.5kg/sq.mt By brush:
250-300 microns DFT
at 25-30°C

Packing Size : 1kg



03 StarBlaze 32F06 UV Resistant PU (C4) Coating.

Description: StarBlaze 32F06 is two component, high performance, acrylic resin cured with an aliphatic isocyanate based curative. Coating is designed as a weather & abrasion resistant top coat. Provides quick drying property excellent colour retention, chalk resistance, scratch wear resistance and weatherability.

- Provides excellent barrier protection against UV rays
- Protects metal- long term. Performance better than general acrylic urethane coatings

- Weather resistant top coat & can sustain temperature up to 110°C
- Superior adhesion to various substrates
- Can be applied for structure subjected to marine corrosion

Application areas:

- Protecting & preserving RCC & masonry structures
- Cooling towers, Containment areas
- DM plants
- Water treatment plants
- Dams & irrigation
- Marine, coastal, chemical, petrochemicals & paper industry

Mixing Ratio: (A:B:C)	Curing Time	Coverage
5 : 1 : NA	Touch dry :60-90 Minutes	170ml persq.mt
	Hard dry :6-8 Hours	By brush:80-100
	Full cure :72 Hours	microns OFT
		at 25-30°C

Packing Size: 1/4/20 Liter



04 StarBlaze 32F07
Chemical Resistant Ester Glass Flake Coating

Description:

- Can withstand temperature of 100°C (150°C intermittent)
- Very low permeability due to Glass Flakes provides high performance against corrosion
- Can be applied on vertical surface also
- Works good in thermal cyclic conditions

Application area :

- Refineries, Petro Chemicals
- Chemicals, Fertilizers, Power Plants
- ETP Plants, DM plants, WTP etc
- Paper & pulp industry
- C4 and C5 areas

Mixing Ratio: (A:B:C)	Curing Time	Coverage
5 : 1 : NA	Touch dry :30 Minutes	500grams/sq. mtr.
	Hard dry :60 Minutes	microns 400 DFT at
	Full cure :24 Hours	25-30°C

Packing Size: 1/5/25 kg



05 StarBlaze 32F08
Chemical Resistant PU (C5) Coating

Description: StarBlaze 32F08 is a two component, Nano additive based Poly-Urethane resin cured with an aliphatic isocyanate based curative. The presence of Nano additives enhances the barrier performance of the coating solution against the water, UV rays, chemical fumes & corrosive environment of C5 class thus leading to extension of the life of the coating. The Nano additives makes provides an impermeable top layer that repel moisture and stops the penetration through top coat film resulting in high durability of the protective shield.

Application areas:

- Refineries
- Metal Bridges & Tanks
- Marine & Offshore cooling towers /platforms
- Structural Steel
- Pulp and paper mills
- Pipelines

Mixing Ratio: (A:B:C)	Curing Time	Coverage
2 : 1 : NA	Touch dry : 4 Hours	13 sq.mtr./ltr 40
	Hard dry : 12 Hours	microns DFT/ 1coat
	Full cure : 72 Hours	

Packing Size: 1/4/20 Liter



06 StarBlaze 32F09
UVEGF- LR

Description: The Urethane Vinyl Ester Glass Flake Copolymer product is used in conjunction with fiber or glass flake reinforcement and is in the form of Laminating Resin.

- StarBlaze 32F09 UVEGF- LR offers good
- Can with stand temperature of 260°C for non-immersion grade & 150°C

- for immersion grade
- Ensures adhesion & strength by reinforcing the glass flaks

Application areas:

- For coating both steel and concrete surfaces, where good chemical and high temperature resistance are required, either for immersed or non-immersed service.

Mixing Ratio: (A:B:C)	Curing Time	Coverage
Base : Hardener : Hardener	Touch dry : 6-8 Hours	Single coat
	Hard dry : 18-24 Hours	
	Full cure : 07 Days	

Packing Size : 1/5 gallon



07 StarBlaze 32F09 UVEGF

Description: StarBlaze 32F09 UVEGF is an immersion grade Urethane based Vinyl Ester Glass Flake Coating.

- Works upto a temperature of 260°C for non-immersion grade
- Wet temperature resistance upto 150°C
- Resist multiple wear factors- Abrasion-corrosion & temperature
- Can be used for both immersion & non-immersion grade

Application areas:

- For coating both steel and concrete surfaces, where good chemical and high temperature resistance are required, either for immersed or non-immersed service.

Mixing Ratio: (A:B:C)	Curing Time	Coverage
Base : Hardener : Hardener	Touch dry :6-8 Hours	90ml/sq.mtr
	Hard dry :18-24 Hours	By brush: 750um
	Full cure :04 days	DFT at 25-30°C

Packing Size: 1/5/20 Liter



08 StarBlaze 32F09 VEGF

Description: StarBlaze 32F09 is a 2K Wear Resistant Immersion Grade Epoxy Coating.

- Multiple wear resistance properties against (Corrosion Particle Erosion & Temperatures)
- Can with stand Temperature up to 280°C (Wet temperature resistance 150°C)
- Applicable as an immersion grade solution
- Uniquely offers di-electric strength

Application areas:

- Bag House/ RABH
- Electrostatic Precipitator
- LRS tanks side components
- Hot air duets & conduits
- Tank inside & material granulation units air immersed applications

Mixing Ratio: (A:B:C)	Curing Time	Coverage
100 : 87 : NA	Touch dry :2 Hours	250grm/sq.mt
	Hard dry :6-8 Hours	By brush:100-120
	Full cure :24 Hours	microns DFT
		at 25-30°C

Packing Size: 1/5/20 kg



09 StarBlaze 35B04 Bituminous Coating

Description:

- A bituminous based coating suitable for application at high thickness.
- The product cures to a hard film having excellent water and chemical resistance.

Application areas:

- Recommended for use on the underside of tank bottoms
- Concrete jetties and pilings
- Gas Holders
- Coal bunkers and cooling towers



Mixing Ratio: (A:B:C)	Curing Time	Coverage
7 : 1 : NA	Touch dry :30 minutes	5.2 sq. mt./ltr By brush
	Hard dry :12 Hours	70 to 100 micron DFT
	Full cure :12 Hours	at 25-30°C

Packing Size : 10/20 Ltr.

10 StarBlaze 35B05 Immersion Grade Anti Corrosion Coating

Description:

- Coating suitable for application at high thickness
- The product cures to a hard film having excellent water and chemical resistance
- The coating is an immersion grade in water & acids
- Applicable on concrete walls & floors as well as on metal surfaces

Application areas:

- Recommended for use on the underside of tank bottoms
- Concrete jetties and pilings
- Gas Holders
- Coal bunkers and cooling towers

Mixing Ratio: (A:B:C)	Curing Time	Coverage
7 : 1 : NA	Touch dry :30 minutes	5.2sq.mt./Ltr By bush
	Hard dry :12 Hours	70-100 microns DFT
	Full cure :12 Hours	at 25-30°C

Packing Size: 1/20 kg



11 StarBlaze 35M01 High Gloss Clear Coat

Description: StarBlaze 35M01 is a polyurethane based transparent top coating for Photo Glow markings.

- Provides flat mat finish
- Flexible
- Weathering resistant
- Adheres to primed concrete metal, plastic & wood
- **Application areas:**
- Roadside wall & dividers
- Control room of power plants & in ships Electric poles
- Vehicles working in dark
- Vehicle bumpers
- Shop floors

Mixing Ratio: (A:B:C)	Curing Time	Coverage
NA : NA : NA	Touch dry :20 minutes	6.5sq. mt/Ltr.
	Hard dry :60 Hours	By brush:50 microns
	Full cure :72 days	DFT at 25-30°C

Packing Size: 1/4 Ltr.

12 StarBlaze 35M02 Fiber Reinforced Plastic Coating

Description: StarBlaze 35M02 is acrylic polyurethane based transparent top coating with high gloss.

- Provides flat mat finish
- Flexible
- Weathering resistant
- Adheres to primed concrete metal, Plastic, FRP & wood

Application area :

- Outdoor application, cooling tower
- Control room of power plants & in ships
- Electric & Electronic Components
- FRP & Plastic surface recovery
- Vehicle structures
- Shop floors

Mixing Ratio: (A:B:C)	Curing Time	Coverage
NA : NA : NA	Touch dry :20 Minutes	6.5 sq.mt/Ltr. By brush
	Hard dry :60 Minutes	50 micron DFT at
	Full cure :72 Hours	25-30°C

Packing Size: 1/4 Ltr.



13 StarBlaze 37B05 CoroKote Anti Corrosion Epoxy

Description: StarBlaze 37B05 Anti corrosion glass flakes reinforced Epoxy coating cured with polyamine adduct hardner for metal & concrete surfaces.

- Used for high buildup
- All Gas resistance in immersion application
- Works for metals & concrete
- UV resistant
- Excellent adhesion on damp surfaces
- Does not shrink on cure
- High Gloss finish
- Prevents algae & fungal growth on damp surfaces
- Reinforcement of a Glass Flakes adds to the excellent corrosion resistance property

Application areas:

- Protective coating on RCC tanks, Cooling towers
- DM plant structures
- Water treatment plant
- Down & Marine structures
- Valves
- Petrochemical industry's structures
- Resistance to corrosion where immersed in salt water & caustic solutions.

Mixing Ratio: (A:B:C)	Curing Time	Coverage
2 : 1 : NA	Touch dry :04 Hours	0.8kg/mt. By bush
	Hard dry :16 Hours	400 microns DFT at
	Full cure :04 Days	25-30°C

Packing Size: 1.5/6/24 kg



14 StarBlaze 65B01(D) Fast Drying Structural Paint

Description: StarBlaze 65B01(D) is a self-priming fast drying type Co-polymer Hybrid paint forming cross links imparting corrosion weathering and UV resistance to structures exposed to atmosphere. The fast-drying structural paint forms a tough co—polymer cross linked plastic laminate providing strong bonding on metal surfaces. The coating has excellent impermeability to fluids, air & gases. The fibro-elastic properties of the material keep the laminatenon brittle and thus low tendency to peeling.

Application areas:

- Interior /exterior
- Pre-engineered steel structures
- Railings
- Machinery
- Structural steel
- Steel door
- Steel decking Concrete flooring & machinery foundations
- Dams, sluice gates, valves, irrigation structures
- Chemical plants
- Concrete structures

Mixing Ratio: (A:B:C)	Curing Time	Coverage
7 : 1 : NA	Touch dry :30 minutes	13sq.mt./ltr. By bush
	Hard dry :04 Hours	30 microns DFT at
	Full cure :12 Hours	2 Coat recommended

Packing Size: 1/4/20 Ltr.



15 StarBlaze 65B01 Fast Drying Structural Paint

Description:

- Primer less/self-priming property
- Fast-drying structural paint forms a tough co-polymer cross linked plastic laminate
- providing strong bonding on metal surfaces
- Temperature resistance ASTM D-2243 up to 80°C
- Can be used with Brush & Spray

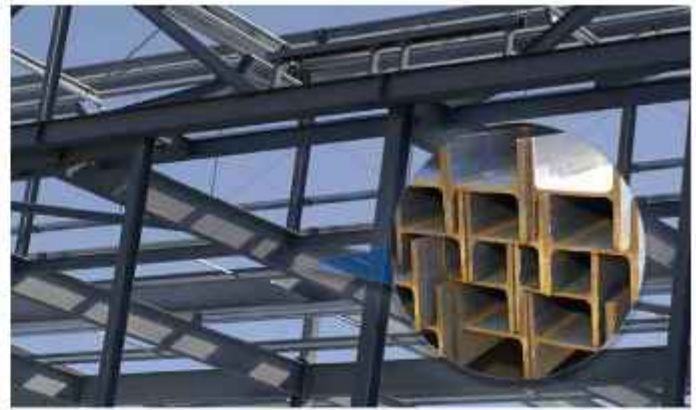
Application areas:

- Metal structures like beams & channels

- Components inside workshop
- Steel structure & articles from indoor applications.
- Interior/exterior
- Pre-engineered steel structures
- Railings
- Machinery
- Steel door
- Steel decking

Mixing Ratio: (A:B:C)	Curing Time	Coverage
Single : NA : NA	Touch dry :15 Minutes	10 sq.mtr/ltr
	Hard dry :60 Minutes	for 35 microns
	Full cure :01 Hours	at 25°C-30°C

Packing Size: 24ml (Syringe)



16 StarBlaze 65B03 Anti Corrosion Epoxy Paint

Description:

- Product is polyimide cured non-shrinking coating
- Temperature range from 0 to 120 C
- Can be used with Brush & Sprayed

Application areas:

- Metal structures like beams & channels
- Components inside workshop
- Steel structure & articles from indoor applications.

Mixing Ratio: (A:B:C)	Curing Time	Coverage
4 : 1 : NA	Touch dry :2 Hours	06 sq.mt./ltr for
	Hard dry :10-14 Hours	80 microns
	Full cure :07 Days	at 25 -30°C

Packing Size: 1/4/20 Ltr.



17 StarBlaze 65J01 Luminescent Photo Glow Paint

Description:

- Provides flat matt finish
- Weathering resistant
- Adheres to primed concrete metal, plastic & wood

Application area :

- Roadside wall & dividers
- Control room of power plants & in ships
- Electric poles
- Vehicles working in dark
- Vehicle bumpers

Mixing Ratio: (A:B:C)	Curing Time	Coverage
Single : NA : NA	Touch-dry :10 minutes	35sq.mt./ltr By brush
	Hard dry :30 minutes	100 micron DFT
	Full Cure :72 Hours	at 25-30°C

Packing Size: 1/4ltr



HEAT RESISTANCE COATINGS

01 StarBlaze 32F02 Thermal Energy Saver Coating

Description: StarBlaze 32F02 is a self priming composite ceramic based silicon copolymer resin heat barrier & insulating coating

- Excellent thermal insulation due to low thermal conductivity along with resistant to moisture infiltration thus preventing high heat corrosion
- Resistant to growth of mold & mildew
- Temperature resistance upto 600°C
- Saves thermal energy cost in a heating system by minimum 10%
- Offers UV rays protection on coated surface
- The low emittance value ensures lower absorption of radiant heat

Application areas:

- Pre-heaters Kiln outer shell in cement plant
- Boilers inner & outer body
- Heat Exchanger & furnances



- Chimneys (metal structure)
- Exhaust manifolds
- Metal roof tops.

Mixing Ratio: (A:B:C) Single Compound: NA : NA	Curing Time Touch dry :10-15 Minutes Hard dry :60 Minutes Full cure :60 Minutes	Coverage 06 sq.mt/Liter By brush: 40 microns DFT at 25-30°C
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Packing Size: 4/20 Ltr.



02 StarBlaze 32F04 Flexible Electrical Insulation Coating

Description: StarBlaze 32F04 is a self-extinguishing flexible epoxy coating Offering di-electric water less insulation.

- High adhesion hence does not peel
- Highly flexible providing extended life
- Offers Dielectric strength (BDV-16KVf)
- Nonflammable property
- Air drying type with excellent weathering resistance
- Applicable on metals, tiles, plastic & all nonmetallic surface

Application areas:

- Bus bars from flash over
- Junction Box sealing
- Power cables damage repair
- Bunch cables protections Prone to chemicals & heat attack

Mixing Ratio: (A:B:C) 1 : 3 : NA	Curing Time Touch dry :30 Minutes Hard dry :12 Hours Full cure :24 Hours	Coverage 1.80kg/sq.mt By brush: 450 microns DFT at 25-30°C
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Packing Size: 1/5kg

03 StarBlaze 32F10 Thermakote

Description: High Build Heat Insulation Epoxy Coating.

- High built up
- Excellent adhesion
- Works for metals & concrete
- UV resistant
- High impermeability
- Excellent barrier against heat transfer
- High Gloss finish
- Good chemical resistance
- Good resistant to thermal shocks and vibrations

Application area :

- Cooling water outlet lines, supply pipelines
- Sewage treatment plants & structures
- Heat insulation roof coating
- Storage tanks handling heat sensitive material
- Cooling air ducts
- Effluent treatment plants & equipment's

Mixing Ratio: (A:B:C) 2 : 1 : NA	Curing Time Touch dry :4 Hours Hard dry :24 Hours Full cure :7 Days	Coverage 30kg/sq.mt By brush 900-1000 micron DFT at 25-30°C
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Packing Size: 1/6/24kg



04 StarBlaze 65M01 Heat Resistant Coating for Metal Surfaces

Description: StarBlaze 65M01 is a Silicone-Aluminum based single part coating.

- Resist heat up to 300°C
- Resist corrosion due to weathering & industrial
- Offers resistance fumes to thermal load
- Meets IS 13183/1991 specification
- Contains no Lead or Mercury

Application areas:

- Engine exhaust manifolds
- Metal Chimneys Kiln body



- Incinerator body
- Heat exchanger body
- Boilers & piping's

Mixing Ratio: (A:B:C)
Single : NA : NA

Curing Time	Coverage
Touch dry :01 Hours	8sq.mt./ltr By brush
Hard dry :01 Hours	20 micron DFT at
Full cure :01 Hours	25-30°C

Packing Size : 4/20Ltr

05 StarBlaze 65M02 Heat Resistant Coating for Metal Surfaces

Description: StarBlaze 65M02 is a Silicone-Aluminum based single part coating.

- Resist heat up to 650°C
- Resist corrosion due to weathering & industrial
- Offers resistance fumes to thermal load
- Meets IS 13183/1991 specification
- Contains no Lead or Mercury

Application areas:

- Engine exhaust manifolds
- Metal Chimneys
- Kiln body
- Incinerator body
- Heat exchanger body
- Boilers & piping's

Mixing Ratio: (A:B:C)	Curing Time	Coverage
Single : NA : NA	Touch dry :01 Hours	08sq.mt./ltr. By bush
	Hard dry :01 Hours	20 microns DFT at
	Full cure :01 Hours	25-30°C

Packing Size: 4/20Ltr



FIRE PROTECTION COATINGS

01 StarBlaze 34K01 Fire Protection Coating

Description:

- Intumescent coating (Self-expanding with heat)
- High Solid contents (70%)
- Can be applied vertical & in overhead condition
- Resist Temperature >1100°C
- Non-hygroscopic hence high shelf life and suitable for outdoor applications
- Offer protection for chemical resistance

Application area :

- Current carrying cable
- Communication cable
- Intumescent ion cable
- Applicable for both outdoor & indoor areas

Mixing Ratio: (A:B:C)	Curing Time	Coverage
Single point : NA : NA	Touch dry :04 Hours	3.5kg/sq. mt. By brush
	Hard dry :24 Hours	1.6mm DFT at 25-30°C
	Full cure :15 Hours	

Packing Size: 5/20 kg



02 StarBlaze 34K02 Heat Resistant Shielding Ceramic Mineral System

Description: StarBlaze 34K02 is a multiple compound Non-Asbestos protection system.

- Asbestos free heat & thermal barrier
- Applicable on fire cable in site conditions
- Thermal & heat resistant upto 1400°C

Application areas:

- HT & LT Cable protection near to furnace in steel, Aluminum, Glass Industries
- Exhaust manifolds of hot air industry & flue gases



- Turbo chargers of equipment in excavation & mining industry
- Kilns, pre heaters of cement plant
- DG sets, Turbine & Boiler zone parts in power plant

Mixing Ratio: (A:B:C) NA : NA : NA	Curing Time Touch dry :Not applicable Hard dry :4 Hours Full cure :4 Hours	Coverage Suitable for 1 mtr. Running length & 75 mm diameter per kit
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Packing Size: 20 kg

03 StarBlaze 34K03 CIC

Description:

- Can be applied on wood, fiber
- Clear coat provides resistance to fire without compromising on original looks
- UV resistant
- Can be used even in vertical surfaces
- Reduces flame spread & lowers substrate temperature

Application area :

- Public establishments
- Railway coaches
- Wooden Furniture
- In Hospitals
- In industrial establishments
- All where multi layered paints are applied

Mixing Ratio: (A:B:C) Single point : NA : NA	Curing Time Touch-dry :01 Hours Hard dry :24 Hours Full Cure :24 Hours	Coverage 220gm/sq. mt. By brush 60um DFT at 25-30°C
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Packing Size: 1/5/20 kg



04 StarBlaze 34L01 Fire Barrier Coating System

Description: StarBlaze 34L01 is a four component Fire Barrier System consists of very high-density fire & heat resistant mineral wool boards StarBlaze 34L04, coated with water-resistant StarBlaze 34K01 intumescent coating, affixed with 34L03 Self expanding fire resistant sealant, which transforms into a hard ceramic during a fire to prevent the passage of fire and smoke and the transfer of heat. Specifically designed for sealing around cable & service penetrations in walls and below panels. Specifically designed for sealing around cable & service penetration in walls and below panels.

Application areas:

- Permanent fire stopping of cables, cable trays and non-combustible pipes in medium to large wall and floor openings
- Single, multiple and mixed penetrations
- Medium to large multiple penetrations in concrete and masonry in combination with other products

Mixing Ratio: (A:B:C) NA	Curing Time Touch-dry :NA Hard dry :NA Full Cure :NA	Coverage NA
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Packing Size : System

05 StarBlaze 34L02 Fire Barrier Coating

Description: StarBlaze 34L02 fire stop mortar helps prevent fire and smoke from spreading through large openings with cable, pipe and mixed penetrations. It is an inorganic heat absorbing Fires Barrier designed to seal penetrations through walls, floors & ceilings to prevent fire spread & provide protection.

Application areas:

- Permanent fire stopping of cables, cable trays and non-combustible pipes in medium to large wall and floor openings
- Single, multiple and mixed penetrations
- Medium to large multiple penetrations in concrete and masonry in



Mixing Ratio: (A:B:C)	Curing Time	Coverage
2.5 : 1	Touch dry :NA Hard dry :NA Full cure :NA	NA

Packing Size: 25 kg/System



07 StarBlaze 34L04 Fire Barrier Mineral Wool Board

Description: StarBlaze 34L04 is a mineral wool based board covered with StarBlaze 34K01 which foams up in case of fire. By the impact of heat the coating builds up a carbon foam which isolates materials additionally against the impact of heat.

Application area :

- In concrete walls and floors and in drywall and masonry walls with the following penetrants
- Cables (individual or grouped) power, control, data communication, fiber optic cable trays, or racks (aluminum, steel, plastic) pipes ducts

Mixing Ratio: (A:B:C)	Curing Time	Coverage
NA	Touch dry :NA Hard dry :NA Full cure :NA	NA

Packing Size: 5/20 kgs

06 StarBlaze 34L03 Intumescent Fire Barrier Mastic Sealant

Description: StarBlaze 34L03 is an elastic putty, intumescent sealing material designed to fill construction joints and expansion joints in structures for forming an insulating barrier in the event of fire.

Application areas:

- Recommended for steel plants
- Depots and loading ramps
- Hangers
- Car parks with higher anticipated load
- Oil refineries

Mixing Ratio: (A:B:C)	Curing Time	Coverage
18: 9 : 73	Touch dry :24 Hours Hard dry :48 Hours Full cure :07 Days	160kg/sq.mt By brush 1000 microns DFT at 25-30°C

Packing Size: 5/20 kg



INSULATION COATINGS

01 StarBlaze 32F01 Long Lasting Flexible Insulation Coating

Description: StarBlaze 32F01 is a flexible (useful for resisting expansion & contraction of high voltage lines), weather resistant insulation coating used mainly for as an anti-tracking solution for open electrical conductors. The coating has high Di-electric strength

Application area : StarBlaze 32F01 prevents flashovers on high voltage lines up to 66 KV caused by fog, dirt, pollution, animals thus, preventing downtime & equipment damage.

- Naked Conductors
- Bus Bars, & Support Insulators
- Electrical Insulator Ends
- Row Or Distribution Lines
- Railway Tradition Lines

Mixing Ratio: (A:B:C)	Curing Time	Coverage
2 : 1 : NA	Touch dry :2Hours Hard dry :16Hours Full cure :7Days	Approx 1.5kg/sq.mt microns DFT/4Coats

Packing Size: 12.5mm Dia Conductor/ RMT
25mm Dia Conductor/ RMT, 40mm Dia Conductor/ RMT
100mm Dia Conductor/ RMT



02 StarBlaze 32101 DI-electric Floor Coating Class A

Description:

- Exceeds requirements of BDV/AC proof voltage as per IS 2584 : 1963
- Self-levelling. Excellent adhesion
- Long life of Insulation. Excellent aesthetics
- Used for high buildups
- Applicable on concrete flooring & metal surface

Application areas:

- High voltage sub-stations – switchgear panels
- VCB's, Internal Panel bodies
- Battery rooms
- Marshalling box flooring
- Ends of electrical insulators
- Transmission tower/ electrical poles

Mixing Ratio: (A:B:C)

02 : 01 : NA

Curing Time

Touch dry :2 Hours
Hard dry :24 Hours
Full cure :72 Hours

Coverage

2200gm sq.mt
By brush: 1200
microns DFT
at 25-30°C

Packing Size: 1.5/6/24 kg



04 StarBlaze 32103 DI-electric Insulation Floor Coating Hi-Gloss Top Coating

Description:

- High DI-electric strength
- Offer excellent adhesion
- Self-levelling high gloss smooth finish coating
- Product offers excellent weathering & chemical resistance
- Prevents moisture ingress

Application areas:

- Panel room flooring of switch gears
- Control room
- Battery room flooring
- Electrical insulators ends
- Electrical poles
- FRP barrier boards

Mixing Ratio: (A:B:C)

2 : 1 : NA

Curing Time

Touch dry :2 Hours
Hard dry :16 Hours
Full cure :72 Hours

Coverage

350gm/sq.mt By brush
120-150 micron DFT
at 25-30°C

Packing Size: 1.5/6/24 kg

03 StarBlaze 32102 DI-electric Floor Coating Class-B

Description:

- Exceeds requirements of BDV and AC proof voltage as per IS 2584 : 1963
- Self-levelling. Excellent adhesion
- Used for high buildups
- Long life of insulation
- Good aesthetics
- Applicable on concrete flooring & metal surface

Application areas:

- Marshalling Box flooring
- End of electrical Insulators
- Transmission Tower/ Electrical Poles
- Bus-bars
- Bushings & Potheads
- FRP Barrier Boards For Arc-track Resistance
- Capacitors Transformers, cable Accessories

Mixing Ratio: (A:B:C)

02 : 01 : NA

Curing Time

Touch dry :8 Hours
Hard dry :24 Hours
Full cure :04 Days

Coverage

90ml/sq.mt
By brush: 750um
DFT at 25-30°C

Packing Size: 1.5/6/24 kg



05 StarBlaze 32104 DI-electric Insulation Coating Class-C

Description:

- Exceeds requirements of BDV and AC proof voltage as per IS 2584 1963
- Self-levelling. Excellent adhesion
- Used for high buildups
- Long life of insulation
- Good aesthetics
- Applicable on concrete flooring & metal surface

Application areas:

- High voltage sub-stations – switchgear panels
- VCB's
- Battery rooms
- Marshalling box flooring
- Ends of electrical insulators
- Transmission tower/ electrical poles

Mixing Ratio: (A:B:C)

2 : 1 : NA

Curing Time

Touch dry :2 Hours

Hard dry :24 Hours

Full cure :72 Hours

Coverage

5kg/sq.mt By brush

4000 microns DFT at

25-30°C

Packing Size: 1.5/6/24 kg



06 StarBlaze 62B01 DI-Electric Fast Drying Paint

Description: StarBlaze 62B01 is a self primary thermo plastic hybrid copolymer.

- High di-electric strength of 4KV/150microns(2coats)
- Offers a breakdown voltage of 11KV for 450 micron DFT
- UV resistant
- Offer a temperature resistance upto 200°C
- Adheres on metals concrete & non ferrous Substrates
- Resist fire propagation.
- Good adhesion & peeling resistance due to fibre elastic-property

Application areas:

- Transformer body
- Bus Bass
- Terminals, Junction Boxes
- Conductors
- Control Panels
- Building structure & equipments

Mixing Ratio: (A:B:C)

Single component : 1 : NA

Curing Time

Touch-dry :20 Minutes

Hard dry :30 Minutes

Full Cure :01 Hours

Coverage

1kg/sq.mt.By brush

500 micron DFT at

25-30°C

Packing Size : 1/4Ltr



FLOOR / CONCRETE PROTECTION & REPAIR COATINGS

01 StarBlaze 33801 Screed Epoxy based self-leveling screed for concrete

Description: StarBlaze 33801 is an epoxy based three component, self levelling screed which has special properties of load bearing and resisting chemical attack combined with offering resistance to abrasion & impact.

Application area :

- Acid Bunds & Secondary Containment
- Floorings of Pharmaceutical plants
- Floorings of Chemical and Fertilizer Processing
- Warehouse & Storage Areas
- Automobile Servicing and Assembly Areas
- Medium to Heavy Engineering Industries

Mixing Ratio: (A:B:C)

30 : 12 : 58

Curing Time

Touch dry :04 Hours

Hard dry :16 Hours

Full cure :7 Days

Coverage

1sq.mtr./5kg @2mm

Packing Size: 1/15/33kg



02 StarBlaze 33B02 Epoxy Based Top Coat for Concrete Flooring

Description: StarBlaze 33B02 is an epoxy top coat is a three component, high solid epoxy which is meant to provide excellent abrasion, impact, and chemical and stain resistance for floor coatings.

Application areas:

- Pharmaceutical, Chemical and Fertilizer Processing
- Warehouse, Storage Areas, Vehicle movement areas
- Automobile Servicing and Assembly Areas
- Medium to Heavy Engineering Industries

Mixing Ratio: (A:B:C)	Curing Time	Coverage
38 : 14 : 48	Touch dry :24 Hours	1.75kg/sq.mtr.
	Hard dry :72 Hours	1Coats/1000 microns
	Full cure :7 Days	DFT at 25-30°C

Packing Size : 1/5/25 kg



04 StarBlaze 33B05 High Build Epoxy Screed

Description: StarBlaze 33B05 is solvent free abrasion resistant flooring based on epoxy resin and specially graded aggregates. It is an extreme high build, trowel applied product.

- Permeable to water vapour,
- High mechanical strength
- Impact and abrasion resistant
- Slip resistant
- Non tainting
- Excellent chemical Resistance

Application areas:

- Recommended for steel plants
- Depots and loading ramps
- Hangers
- Car parks with higher anticipated load
- Oil refineries

Mixing Ratio: (A:B:C)	Curing Time	Coverage
18: 9 : 73	Touch-dry :20-24 Hours	160kg/sq.mt
	Hard dry :48 Hours	By brush:1000 microns
	Full Cure :07 days	DFT at 25-30°C

Packing Size: 15/33 kg



03 StarBlaze 33B03 Novolac Screed

Description: StarBlaze 33B03 is an epoxy based three component, screed which has special properties of load bearing, resisting chemical attack combined with offering resistance to abrasion & impact. The Novolac based epoxy is used for build ups on concrete floors due to its high viscosity.

Application areas:

- Acid Bunds & Secondary Containment
- Floorings of Pharmaceutical plants
- Floorings of Chemical and Fertilizer Processing
- Warehouse & Storage Areas
- Automobile Servicing and Assembly Areas
- Medium to Heavy Engineering Industries

Mixing Ratio: (A:B:C)	Curing Time	Coverage
30 : 12 : 58	Touch-dry :04 Hours	1.80kg/sq.mt
	Hard dry :16 Hours	By brush: 450 microns OFT
	Full Cure :07 Days	at 25-30°C

Packing Size: 1/15/33 kg

05 StarBlaze 37B01 Flexible Anti Corrosion Epoxy Coating

Description: StarBlaze 37B01 is a full of solids and is meant for high build ups. The solvent free epoxy has a high elongation and thus is flexible and offers excellent sealing & water proofing on metal roofing together with chemical attack, corrosion, and impact & abrasion resistance.

Application areas:

- Water proofing & protection of metal roofs
- Galvanized, Welded
- Pre-Fabricated, Asbestos
- Metal pipe flange flexible anti- corrosion coating

Mixing Ratio: (A:B:C)	Curing Time	Coverage
100 : 30 : NA	Touch-dry :3 Hours	165ml/sq. mt.
	Hard dry :35 Minutes	By brush 75 microns
	Full Cure :07 Days	DFT at 25-30°C

Packing Size: 5/15/33 kg



06 StarBlaze 37806 Moisture & Vapor Tolerant Breathable Epoxy

Description: Moisture & vapor tolerant breathable epoxy for concrete repairs & water proofing

- Acts as a barrier protection for concrete surfaces against acids & alkalis
- Provides dual advantage by releasing osmotic pressure & the negative pressure during water proofing
- Used as an external & immersion grade.
- Used for repair of damp concrete with only manual cleaning
- Thermal resistance from -50°C to 80°C

Application areas:

- Concrete roof Water Proofing
- Cooling towers
- Concrete Bridges & Tanks
- Basements
- Floors & Walls
- Dams & irrigation, Tunnel & Subways
- Chemical Processing plants
- Marine & offshore cooling towers/platforms

Mixing Ratio: (A:B:C)	Curing Time	Coverage
5 : 1 : NA	Touch dry :03 Hours	12kg/sq.mt
	Hard dry :06 Hours	By brush:400 microns
	Full cure :24 Hours	DFT at 25-30°C

Packing Size: 5/25 kg



08 StarBlaze 75C01 Floor Sealer Coating

Description: StarBlaze 75C01 is a "MCU" technology based, non-toxic water & oil tolerant concrete sealing agent which penetrates into contaminated concrete, seals & protects new & worn-out concrete floors /walls, against spillages & seepages.

Application areas:

- DG room floors & Compressor base
- Oil-soaked workshop floor repairs
- Concrete Bridges & Tanks
- Marine & Offshore cooling towers & structures
- Paper, Sugar & Chemical industry components & structures

Mixing Ratio: (A:B:C)	Curing Time	Coverage
NA : NA : NA	Touch dry :20-30 minutes	5.0 sq.mtr/ltr
	Hard dry :90-120 minutes	@100µ DFT
	Full cure :72 Hours	

Packing Size: 1/4/20 Liter

07 StarBlaze 43A01 Quick Floor Repair Putty

Description: StarBlaze 43A01 is a fast setting 100% solid bearing epoxy coating with no shrinkage while & post curing having additional property of resisting chemicals. The coating is a three-component system.

Application areas:

- Repairs of flooring & concrete /grouping structures

Mixing Ratio: (A:B:C)	Curing Time	Coverage
18: 5 : 77	Touch-dry :20 Minutes	216 Inch ³ / 8kg
	Hard dry :3 Hours	
	Full Cure :24 Hours	

Packing Size: 5/15/33 kg



09 StarBlaze 75C02 Floor Sealer Primer Coating

Description: StarBlaze 75C02 is a moisture tolerant, solvent free epoxy used as a primer on concretes & floors. The excellent wetting property makes it suitable for sealing of porous surfaces as in concretes.

- StarBlaze 75C02 is a moisture tolerant The excellent wetting property makes it suitable for sealing of porous surfaces as in concretes.
- Additionally the breathing characteristics gives the coating a good bonding

Application area :

- For repair of old concrete
- As a primer on all concrete, stones & tiles
- Workshop floors
- DG rooms & Utility building floors. Varied industries including aviation
- Hydro power generation plants
- Used as a base for epoxy coatings for UV resistant floors

Mixing Ratio: (A:B:C)	Curing Time	Coverage
65 : 30 : 05	Touch-dry :02 Hours	0.350kg/sq.mt.
	Hard dry :4 Hours	By brush 140-150
	Full Cure :07 Days	micron DFT at 80°C

Packing Size: 1/5/25kg



10 StarBlaze 75C03 Acid Resistant (NV) Floor Coating

Description: StarBlaze 75C03 is with 100% solids consisting of Novolac resin with a UV & Moisture tolerant advanced cycloaliphatic curative coating. Outstanding resistance to both concentrated mineral acids (98% Sulfuric, 33% Hydrochloric, Aqua Regia.) as well as organic acids (Acetic acid, Fatty acids.) and also concentrated oxidizing acids (50% Nitric acid, 10% Hydrofluoric Acid). It offers an excellent protection to concrete surfaces.

Application areas:

- Primary containment of effluent & waste water
- Manholes, wet wells & lift stations
- Pulp & Paper mills
- Metal treatment plants-pickling, plating, galvanizing
- Petrochemicals & fertilizer plants
- Food processing areas - dairies, breweries
- Battery storage areas
- Chemical/acid storage tank lining

Mixing Ratio: (A:B:C)	Curing Time	Coverage
2 : 1 : NA	Touch dry :2-3 Hours	0.40sq.mt./kg. By brush
	Hard dry :24 Hours	1000 microns DFT at
	Full cure :96 Hours	25-30°C



11 StarBlaze 76H01 PS PG

Description: StarBlaze 76H01 is two component, polysulphide polymer based, UV resistant, flexible, tear resistant, rubbery, self-leveling, pourable, non-staining sealant, which adheres to most of building materials like cementitious substrates, aluminum, glass, wood, mild steel etc. StarBlaze 76H01 cures at ambient temperature, has excellent recovery characteristics after extended period of compression with outstanding resistance to most chemicals, weather conditions, aging and shrinkage.

Application areas:

- Expansion joints in industrial, commercial or residential buildings
- Joints in concrete roads, bridges, subways, flyovers & airport runway
- Joints in water retaining structures like water tank, swimming pool including decks, aqua ducts, dams, canals & reservoirs
- Nuclear Power station reactor domes

Mixing Ratio: (A:B:C)	Curing Time	Coverage
NA : NA : NA	Touch dry :NA	120 grm For 6mm
	Hard dry :06 Hours	x 12 mm thickness
	Full cure :08 Days	

Packing Size: 1/4 kg



12 StarBlaze 33A01 Anti-Carbonation PU Coating

Description: StarBlaze 33A01 is a Polyurethane based anti-carbonation coating which penetrates deep into contaminated concrete surface, seals & protects the concrete floors / walls, against carbonation, water seepages, algae & fungal growth. The unique property of the coating is to provide impregnation type of coating and an impermeable film against oil & water but allows concrete to breath, with transmission of water vapor through the layer of coating.

Application area :

- Concrete silo, structures, foundations
- Concrete Bridges, flyovers, tunnels & Tanks
- Marine & Offshore cooling towers/platforms
- Pulp and paper mills
- Sugar industries
- Chemical processing plants

Mixing Ratio: (A:B:C)	Curing Time	Coverage
Single Compound	Touch dry : 30 Minutes	4.0sqmtr/ltr
	Hard dry : 120 minutes	
	Full cure : 72 Hours	

Packing Size: 1/5/20 Ltr.



REPAIR EPOXY COATINGS

01 StarBlaze 41A01 Steel Repair (HS) Putty

Description: StarBlaze 41A01 is a machinery steel filled epoxy-based putty which can withstand temperature up to 120°C.

Application area :

- Parts damaged due to corrosion
- Tanks subjected to corrosion
- Machine parts & Moulds

Mixing Ratio: (A:B:C)	Curing Time	Coverage
8 : 1 : NA	Touch dry :NA	NA
	Hard dry :24 Hours	
	Full cure :16 Hours	

Packing Size: 1 kg



02 StarBlaze 41A02 Leakage Repair (FS) Putty

Description: StarBlaze 41A02 is a fast-setting high strength epoxy putty which can withstand a constant temperature of 260°C. The coating works well against vibration in electrical equipment like rectifiers, transformer's etc. 41A02 adhere to all material except rubber is impervious to acids, alkalis, oils and solvents. StarBlaze 41A02 is the most useful leakage repair epoxy which also finds its use in sealing of online leakages.

Application areas:

- Leaking pipes
- Plastic/metal joints
- Holed casings
- Bearing seats
- Transformer oil leakages
- Battery terminal post
- Broken insulators
- Ducts

Mixing Ratio: (A:B:C)	Curing Time	Coverage
1 : 1 : NA	Touch dry :NA	NA
	Hard dry :NA	
	Full cure :01 Hours	

Packing Size: 1 kg



03 StarBlaze 41A03 Metal Repair Steel Filled Epoxy Putty

Description: StarBlaze 41A03 has the highest tensile strength in the class. The product is a 2-part solution for fixing, filling up & bonding of all metal & nonmetals.

- With stand temperature to 300°C which is unmatched
- Products offers excellent resistance to corrosion
- Has a excellent shelf life of 25 years
- Does not shrink cure

Application areas:

- Casting puncture & fracture repair
- Over Sized bearing
- Hydraulic piston scores

Key way repairs
Tank leakages & pipes repair
Unsize / worn out shaft repair

Mixing Ratio: (A:B:C)

1 : 1 : NA

Curing Time

Touch dry :04 Hours
Hard dry :04 Hours
Full cure :16 Hours

Coverage

8sq.mt./Ltr By bush
1000 microns DFT at
25-30°C

Packing Size: 284 Grams

04 StarBlaze 41G02 High Strength Titanium Putty

Description: StarBlaze 41G02 is the best in the class Titanium based 2 pack epoxy resin having resistance properties to multiple wear factors. StarBlaze 41G02 is a unique epoxy resin which has high compressive loads bearing property along with the capacity to be bear temperatures up to 150°C. The epoxy provide high tensile strength and applied applications requiring high resistance to chemical hack. A multi wear resistant product for repair.

Application areas:

- Loading hoppers refurbishment
- Blower vane
- Guideways
- Centrifugal pumps
- Machine bearings

Propeller of ships
Pump casings
Tubes refurbishment
Wearing coats for liners
Shafts buildup

Mixing Ratio: (A:B:C)

8 : 1 : NA

Curing Time

Touch dry :08 Hours
Hard dry :16 Hours
Full cure :36 Hours

Coverage

2.7/sq.mt. By bush
1mm DFT at 25-30°C

Packing Size: 1 kg

05 StarBlaze 45G01 Erosion Resistant Putty

Description: StarBlaze 45G01 is a zirconium fortified ceramic epoxy putty used for protection against erosive wear & repair / rebuilding of worn-out components. The coating offers excellent sag & shrinkage resistance.

Application areas:

- Ash handling pipes and valves
- Sand pumping equipment
- Pipe elbows, chutes for clinker, cement & sand
- Pump housing, impellers, lining
- Coal pulverizes and exhausters' slurry pumps
- Screw conveyors

Mixing Ratio: (A:B:C)

4 : 1 : NA

Curing Time

Touch dry :06 Hours
Hard dry :09 Hours
Full cure :01 Hours

Coverage

4kg/sq.mt. By brush
2000 microns DFT
at 25-30°C

Packing Size: 1 kg

06 StarBlaze 45G02 High Buildup Self-Leveling Epoxy Screed

Description: StarBlaze 45G02 is a three-part epoxy screed used for buildup layers before abrasion resistant layers.

- No shrinkage post curing
- Fast drying time
- Self-leveling with adjustments of filler loading
- High compressive strength

Application areas:

Used as a buildup layer before the top abrasive resistant coating. Material handling/loading chutes

Mixing Ratio: (A:B:C)

18 : 5 : NA

Curing Time

Touch dry :60 Minutes
Hard dry :24 Hours
Full cure :07 Days

Coverage

8 kgs/cu. Cm.
By brush: 1000 micron
DFT at 25-30°C

Packing Size: 1/5 kg

07 StarBlaze 45G03 Metal Rebuilding Ceramic Putty

Description: StarBlaze 45G03 is a high buildup Ceramic – Silicon steel filled 2-part Epoxy putty

- Presence of silicon steel fillers provides high strength,
- Offers resistance to combination wear due to Abrasion – Erosion – Corrosion & Cavitation.
- Product application allows troweling up to 3mm depth without sagging on vertical surfaces.

Application areas:

- Pump body & impellers
- Condensates systems/tubes
- Vacuum pumps
- Heat exchangers
- Valves
- Propellers of ship
- Gas scrubbers & tanks

Mixing Ratio: (A:B:C)	Curing Time	Coverage
6 : 1 : NA	Touch dry :30 minutes	0.3kg/sq.mt. By brush
	Hard dry :4 Hours	1000 microns DFT
	Full cure :12 Hours	at 25-30°C

Packing Size: 1kg



08 StarBlaze 45G04 Metal Surfacing Ceramic Putty

Description: StarBlaze 45G04 is a Ceramic Nano particle filled brushable Epoxy coating.

- The presence of Nano particle provides resistance to erosion & abrasion with roll round effect due to the smoothness
- Presence of silicon steel fillers provides high strength.
- Offers resistance to combination wear due to Abrasion – Erosion – Corrosion & Cavitation
- Product application allows troweling up to 3mm depth without sagging on vertical surfaces

Application areas:

- Pump body & impellers
- Condensates systems/tubes
- Vacuum pumps.
- Heat exchangers
- Valves
- Propellers of ship
- Gas scrubbers & tanks

Mixing Ratio: (A:B:C)	Curing Time	Coverage
6 : 1 : NA	Touch dry :30 minutes	1kg/sq.mt.
	Hard dry :04 Hours	By brush: 500 micron
	Full cure :12 Hours	DFT at 25-30°C

Packing Size : 1kg



09 StarBlaze 45G05 Metal Surfacing Ceramic Top Coat

Description: StarBlaze 45G05 is a 2-part Ceramic – Nano particle filled self-levelling brushable Epoxy putty.

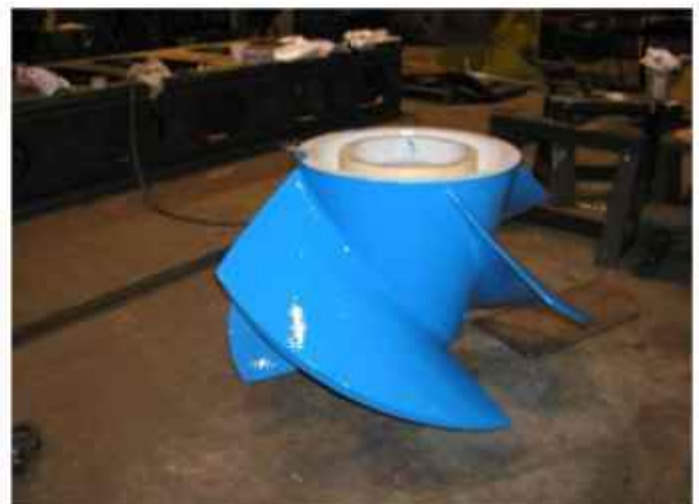
- StarBlaze 45G05 has a self-levelling property.
- The presence of Nano particle provides resistance to erosion & abrasion with roll round effect due to the smoothness.
- Presence of silicon steel fillers provides high strength.

Application areas:

- Pump body & impellers
- Condensates systems/tubes
- Vacuum pumps
- Heat exchangers
- Valves
- Propellers of ship

Mixing Ratio: (A:B:C)	Curing Time	Coverage
7 : 1 : NA	Touch dry :30 minutes	1kg/sq.mt. By brush
	Hard dry :04 Hours	500 microns DFT at
	Full cure :12 Hours	25-30°C

Packing Size: 1kg



10 StarBlaze 47A01 Quick Setting Repair Putty

Description: StarBlaze 47A01 is a fast curing steel filled high strength epoxy putty.

- High bond strength
- Bonds as all type metals, glass, plastic, ceramic etc
- Does not sag when applied on vertical surfaces
- Resist temperatures upto 145°C
- The cured surface is fully Machine able

Application areas:

- Emergency leak repairs
- Transformer oil leak sealing
- Crack filling
- Joining

Mixing Ratio: (A:B:C)	Curing Time	Coverage
1 : 1 : NA	Touch dry :NA	Multiple Coats
	Hard dry :05 minutes	
	Full cure :20-25 minutes	

Packing Size: 24ML (Syringe)



11 StarBlaze 57A01 Fast Setting Multi-purpose Epoxy Repair Putty

Description: StarBlaze 57A01 is as fast setting multi-purpose epoxy repair putty.

- Bonds on all surfaces (steel, wood, plastic & glass)
- The clay like texture enables adhesion in difficult to access surfaces & can be shaped
- Cured surface can be drilled, tapped & screwed

Application area :

- Repair of metals & Steel
- Repair of wood
- Repair of Glass
- Small repair of Maronary work

Mixing Ratio: (A:B:C)	Curing Time	Coverage
NA : NA : NA	Touch dry :10 minutes	Multiple Coat
	Hard dry :10 minutes	–
	Full cure :60 minutes	–

Packing Size: 4 (OZ)



12 StarBlaze 57A02 Under Water Repair Epoxy Stick

Description: StarBlaze 57A02 is Hand – Mixable, Speciality Epoxy Putty For Repairs Of Damp, Wet Areas And Underwater Surfaces. When Mixed Together, The Material Combine To Form A Polymer Compound That May Be Applied Underwater (either Fresh Or Salt Water) And Will Bond Tenaciously To Substrates Such As Fiber Glass, Metal, Wood, Concrete, Ceramic Glass & Many Plastic. After Final Cure.

Application areas:

Use Damp Fingers For Easier Mixing, Application And A Smooth Appearance Of The Cured Compound. Remove Excess Material Before Hardening Begins.

Mixing Ratio: (A:B:C)	Curing Time	Coverage
1 : 1 :NA	Touch dry :NA	NA
	Hard dry :30 minutes	
	Full cure :01 Hours	

Packing Size: 4oz



13 StarBlaze 57A03 Fast Setting Titanium Epoxy Stick

Description: StarBlaze 57A03 cures tough and hard and bonds tenaciously to metals. After final cure, quick titanium can be drilled, Tapped, Machined, Ground or filed.

Application area :

- Repairs tools, Tanks, Pipes, Molds, Iron Pipes, Shafts.

- Rebuild worn or stripped threads casings, high temperature equipment and parts.
- Fill damaged ductwork, cracks, holes, gouges and voids. Works upto 450° F (Continuous) 500° F (Intermittent)

Mixing Ratio: (A:B:C)	Curing Time	Coverage
1 : 1 : NA	Touch dry :30 minutes	1kg/sq.mt. By brush
	Hard dry :30 minutes	500 micron DFT
	Full cure :60 minutes	at 25-30°C

Packing Size: 4 (OZ)



REPAIR SYSTEMS

01 StarBlaze 33A03 Boot Sealing Coating System

Description: StarBlaze 33A03 System consists of – special primer, Flexible coating, membrane, sealing tape, foam & U.V. resistant top coating.

- Two-component special flexible coating, cures at room temperature to a tough rubber– like material, remaining flexible at temperatures down to even -30°C.
- It adheres to a variety of materials such as metals, concrete, rubber, wood, fibreglass and many others. It is also suitable as a flexible coating in connection with other metal filled epoxy systems.
- Prevents tank base corrosion

Application areas:

- Tank base sealing
- Flexible joints sealing
- As flexible water proofing membrane

Mixing Ratio: (A:B:C)	Curing Time	Coverage
10 : 1 : NA	Touch dry :30 minutes	8kg/sq.mt By brush:
	Hard dry :NA	100 microns DFT at
	Full cure :12 Hours	25-30°C

Packing Size: System



02 StarBlaze 45A01 Pipe Restrengthening Leakage Arresting Wrapping System

CONTENTS OF 45A01 System

1. 41A01
2. 45G05
3. 37B05
4. 54A02
5. 32F08
6. DILUENT 1000
7. GLOVES, SPATULA, EMERY PAPER COTTON CLOTH.

NOTE: Please refer individual product details for better understanding of application & procedure of how to apply.

Packing Size: A. 4Kit / B. 2Kit / C. 1Kit



ADHESIVE & TAPES

01 StarBlaze 86N01 Bonding Agent

Description: StarBlaze 86N01 Bonding Agent is a two part solvent free bonding agent composed of liquid epoxy resin and hardener. It is used for bonding of structural concrete new to old concrete and bonding agent for bricks and steel components because it gives excellent bonding properties to freshly mixed concrete/mortars, glazed bricks, tiles, etc.

Application areas:

- Bonding agent for bonding of old to new concrete / mortar
- To extend or repair structural concrete
- Bonding agent of glazed brick, tiles, steel & structural members



Mixing Ratio: (A:B:C)
100 : 87 : NA

Curing Time
Touch-dry :NA
Hard dry :7 Days
Full Cure :7 Days

Coverage
2-3 sq meter/kg
depending on the
Substrate

Packing Size : 1 kg



02 StarBlaze 87A01 Glass Fibre Tape

Description: StarBlaze 87A01 Glass Fibre Tape Used With Putty Is The Universal Type Of Tape Due To Its Simple Application.

Application areas:

- Glass Fibre Tape Generally Used With Sticks Putty

Mixing Ratio: (A:B:C)	Curing Time	Coverage
NA : NA : NA	Touch dry :NA	NA
	Hard dry :NA	
	Full cure :NA	

Packing Roll: 50mm x 2.5mtr.

03 StarBlaze 92F01 HV Insulation Tape

Description: StarBlaze 92F01 HV Insulation Tape is used for Insulating and jacketing thru 69KV StarBlaze 92F01 all voltage self fusing splicing tape—with liner. Is an ethylene propylene rubber based high voltage tape possessing excellent electrical, chemical and physical properties. StarBlaze 92F01 is a self- amalgamating tape that maintains a tight insulation build up for void free electrical stability and permanent resistance to moisture penetration. The excellent stretch of SatrBlaze 92F01 compatible with all extruded dielectric cable insulations.

Application areas:

- Waterproof
- Permanent splices on power cables
- High voltage Bus
- On power cables from 600 volts though 69,000 volts
- For jacketing of terminations on power cable from 600 volts thru 35,000 volts.
- Insulating cable lugs, cable terminations & transformers

Mixing Ratio: (A:B:C)	Curing Time	Coverage
NA : NA : NA	Touch dry :NA	NA
	Hard dry :NA	
	Full cure :NA	

Packing Roll: 50mm x 0.76mm x 9.1m/5m

38mm x 0.76mm x 9.1m/5m

25mm x 0.76mm x 9.1m/5m

19mm x 0.76mm x 9.1m/5m

12mm x 0.76mm x 9.1m/5m



04 StarBlaze 97P01 High Temperature Tape

Description: StarBlaze 97P01 high temperature self fusing splicing tape is a self- amalgamating, silicone rubber tape, triangular in cross section and featuring a centerline for precise half lapping. The tape fuses into a solid mass within minutes of application and employs no adhesive coating, offering a non contaminating self-cleaning surface, which maintains a high tracking resistance. Fully amalgamates within 24 hours of application.

Application area :

- Protection of coils from vibration
- Vibration fixture, anti-scratch, and clamping pads
- Harness wrapping and wire bundling, including for
- Temperature applications
- Insulation of field armature and interpole coils in large motors
- Insulation for splicing and terminating of wire and cable
- Insulating and sealing electrical connections
- Electromagnetic coil insulation



Mixing Ratio: (A:B:C) NA
Curing Time
 Touch dry :NA
 Hard dry :NA
 Full cure :NA
Packing Roll: 25mm X 0.50mm X 15mm

Coverage
 0.350kg/sq.mt.
 By brush 140-150
 micron DFT at 80°C

DILUENTS

01 StarBlaze 1000 Diluent



Description: StarBlaze-1000 Diluent is a mixture of hydrocarbons used for thinning of Epoxy based coatings.

Application areas:

StarBlaze-1000 Diluent is use as a diluent for all Epoxy based products: It provide ease of application during spray and smooth finish.

Mixing Ratio: (A:B:C)	Curing Time	Coverage
NA	Touch dry :NA	250ml/sq.mtr.
	Hard dry :NA	
	Full cure :NA	

Packing Size: : 1/4/20 Ltr.

02 StarBlaze 2000 Diluent

Description: StarBlaze-2000 Diluent is a mixture of hydrocarbons for use for thinning Polyurethane coating systems.

Application areas:

StarBlaze-2000 Diluent is use as a diluent for all PU based products. It provide ease of application during spray and smooth finish.

Mixing Ratio: (A:B:C)	Curing Time	Coverage
NA	Touch dry :NA	250ml/sq.mtr.
	Hard dry :NA	
	Full cure :NA	

Packing Size: 1/4/20 Ltr.



03 StarBlaze 3000 Diluent

Description: StarBlaze-3000 Diluent is a mixture of hydrocarbons used for thinning of Polyurethane coating systems & Epoxy based coatings.

Application areas:

StarBlaze-3000 Diluent is use as a diluent for all PU based & Epoxy based products. It provide ease of application during spray and smooth finish.

Mixing Ratio: (A:B:C)	Curing Time	Coverage
NA	Touch dry :NA	250ml/sq.mtr.
	Hard dry :NA	
	Full cure :NA	

Packing Size: 1/4/20 Ltr.



04 StarBlaze 65802 Fast Drying Paint (Diluent)

Description: StarBlaze 65802 is a solvent used for maintaining viscosity of StarBlaze 65801 Fast Drying Paint based on it's application by either brush or spray. StarBlaze 65802 is a solvent used for maintaining viscosity of StarBlaze 65801 Fast Drying Paint based on it's application by either brush or spray.

Application area :

- Dilute the paint as per the usage/application
- Can be used to clean spray guns & brush

Mixing Ratio: (A:B:C)	Curing Time	Coverage
NA	Touch dry :NA	250ml/sq.mtr.
	Hard dry :NA	
	Full cure :NA	

Packing Size: 1/4/20 Ltr





StarBlaze India

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