



ZAMBRE CONSTROTECH PVT.LTD.
In Associated With
ORGANIX BUILDING SYSTEM DUBAI (UAE)



GREEN BUILDING

- WATERPROOFING CHEMICALS
- CONSTRUCTION CHEMICALS

www.organixbs.com

Office Address:

Branch 1 : Shop No.6, Amar Jyoti Apartments, Pune-Solapur Highway, Hadapsar, Pune - 411028

Customer Care No : 7644834444

Branch 2 : Shop No.10, Kamaldeep Park, Kondhwa Khurd, Near Sheetal Petrol Pump, Pune - 411048

Customer Care No : 7644834444

Branch Head : Yunnus Shaikh : 8605242577 / 8605649053

E-Mail: info@zcpl.co.in | sales@zcpl.co.in | service@zcpl.co.in | www.zcpl.co.in

DryTex CEM HB

HIGH BUILD FLEXIBLE CEMENTITIOUS WATERPROOFING

DRYTEX CEM HB is a high build , acrylic polymer modified flexible elastomeric cementitious waterproofing and protection system, designed for positive and negative waterproofing or protection of concrete structures in new construction and restoration. It is suitable for water and wastewater tanks, secondary containment structures, tunnels, concrete slabs, bathrooms, retain walls, swimming pool where superior flexibility is required .

- High Build and Bridges substrate crack up to 2 mm
- Crack resistant and Superior Flexibility
- Superior freeze/thaw resistance
- Excellent resistance to salt, acids, alkalis and other chemicals
- Effective protection against acid rain
- Self-curing and breathable
- Resistance to UV exposure
- Continuous water immersion possible so ideal for swimming pool
- Superior negative/positive waterproofing
- Non toxic and suitable for potable water
- Resistant to carbon dioxide an chloride ions
- Protection against acidic gases and alkalies

organix

BUILDING SYSTEM



Properties	DryTex CEM HB	Test Method
Color	Grey	
Density (Mix)	1.8 (Kg/m³)	ASTM D 1475
Consistency of mix	Fluid , applied by brush or roller	
Application tempera-ture	5°C to 50°C	
Thickness >	1000 micron	
Shore A Hardness	88	(ASTM D-2240)
Service Temperature	-10°C to 80°C	
Pot life of wet mix	60 min @ 35 °C	
Min. recoat time	2 hrs @20 °C	
Elongation	90 %	(ASTM D-412-98-a)
Tensile Strength	≥ 12 N /mm²	(ASTM D-412-98-a)
Compressive Strength	45 Mpa	(ASTM C 109-92)
Permeance	0.08 perms	(ASTM E 96)
Water Impermeability	Nil	(ASTM E 96)
Adhesion to concrete	1.8 N /mm²	(ASTM C -297 Mod.)
Crack Bridging	3 mm	ASTM C 836
Root Resistance	No puncture	(EMPA .Lupinus albus)
Hydrostatic pressure (±)	No leakage @ 7 bar	BS EN 12390
Abrasion resistance	≤ 60 mg	ASTM D 4060
Flammability	Passed	(ASTME-108)
Potable Water	Passed	(NSF/ANSI std 61)
Toxicity	Non Toxic	BS 6920 :Part1:2000/SPAN
VOC	≤ 5%	ASTM D 2369
Fungus Resistance	Pass (No growth)	
Chemical Resistance	Pass	Excellent resistance
Reaction to fire	Class A	ASTM E 84
Coverage	1.5 Kg/m² @ 1000 micron thickness	
Drying time	4 to 8 hours	
Full time	4 days	

engineered o perform

**SURFACE PREPARATION**

The proper surface preparation is essential for a successful waterproofing. Remove all deteriorated and loose concrete, form release agents, oil, grease, laitance, dust, dirt and efflorescence by dry or wet sandblast, shot blast, or high-pressure water. Repair deeper areas using OBS recommended material.

All cracks must be treated using DRYTEX CEM HB and reinforcing mat. Pre-fill any open cracks larger than 2 mm with DRYTEX CEM HB or any other material recommended by OBS. Embed a strip of reinforcing mat into the wet DRYTEX HB select the suitable reinforcement material according to the substrate).

MIXING: Mix in a clean container by slowly adding the powder component to the liquid component and mixing with low speed drill and mixing paddle. Gradually add the powder to the mixing liquid while the drill is running. Pot life is 60 min @ 35 °C.

APPLICATION

Wet the surface with water prior to the cementitious waterproofing application to have optimum bonding. Can be applied conventionally by brush, roller or spray equipment. It is recommended to apply first coat by brush to obtain optimum adhesion.

DRYTEX CEM2P Waterproofing Membrane has excellent high build properties, and can be built up to 2000 micron wet in one application. However from a curing point of view and dependant on weather conditions at the time of application, it is more pertinent to apply and build up the membrane in two or more coats, to allow quicker cure in each stage. The thicker the application the longer the cure.

COVERAGE: 0.75 Kg of mixed membrane applied wet at 500micron thick will cover 1 square metre. When bridging wider cracks, bed reinforcing mat into the first layer, allowing for over coating once cured. It is ideal for reinforcing cracks in concrete floors prior to tiling. For all round protection and durability, the final coat in the system should be applied at a rate of 0.75 Kg per square, metre giving an optimum dry film thickness. The service life of the membrane is a direct correlation to final dry film thickness. A built in latent curing mechanism activated by water loss

happens in 3 stages. Firstly there is the initial evaporation of the majority of water in the system, followed by the second stage where the surface skins over and cures. The third stage (which takes a minimum of 2-6 days) is to complete cure and gain of cohesive strength. The application of the second coat can proceed after stage two. This is a two stage system, inclusive of the necessary bond breaker requirements being addressed.

LIMITATIONS Do not apply DRYTEX CEM HB when the temperature is expected to be below 4°C within 48 hours, or when rain is imminent.

PACKING 15 KG POWDER + 5 L LIQUID

STORAGE Store materials between 10°-50°C with careful handling to prevent damage to products. If conditions exceed these ranges, special consideration in storage must be taken. Do not store at high temperatures in direct sunlight. Shelf life under normal conditions in closed container will be 12 months.

WARRANTY On preapproved, qualified applications, when you use an approved applicator, a 10 year warranty is available. Contact OBS for complete warranty information.



engineered to perform

Organix Building System LLC
Dubai – United Arab Emirates
Email : info@organixbs.com
www.organixbs.com



ZAMBRE CONSTROTECH PVT.LTD.
In Associated With

Branch 1 : Shop No.6, Amar
Jyoti Apartments, Pune-Solapur
Highway, Hadapsar,
Pune - 411028

www.zcpl.co.in

DryTex CEM2P

ACRYLIC MODIFIED FLEXIBLE CEMENTITIOUS WATERPROOFING

DRYTEX CEM2P is a acrylic polymer modified flexible elastomeric cementitious waterproofing and protection system, designed for positive and negative waterproofing or protection of concrete structures in new construction and restoration. It is suitable for water and wastewater tanks, secondary containment structures, tunnels, concrete slabs, bathrooms, retain walls, swimming pool where superior flexibility is required (waste water treatment facilities). DRYTEX CEM2P is a cementitious slurry mortar, consisting of dry Component A and liquid Component B.

- Bridges substrate crack up to 2 mm
- Crack resistant and Superior Flexibility
- Superior freeze/thaw resistance
- Excellent resistance to salt, acids, alkalis and other chemicals
- Effective protection against acid rain
- Self-curing and breathable
- Resistance to UV exposure
- Continuous water immersion possible so ideal for swimming pool
- Superior negative/positive waterproofing
- Non toxic and suitable for potable water
- Resistant to carbon dioxide and chloride ions
- Protection against acidic gases and alkalies



Properties	DryTex CEM2P	Test Method
Color	Grey	
Density (Mix)	1.8 (Kg/m ³)	ASTM D 1475
Consistency of mix	Fluid , applied by brush or roller	
Application temperature	5°C to 50°C	
Thickness	> 1000 micron	
Shore A Hardness	88	(ASTM D-2240)
Service Temperature	-10°C to 80°C	
Pot life of wet mix	60 min @ 35 °C	
Min. recoat time		2 hrs @20 °C
Elongation	80 %	(ASTM D-412-98-a)
Tensile Strength	≥ 8 N /mm ²	(ASTM D-412-98-a)
Compressive Strength	42 Mpa	(ASTM C 109-92)
Permeance	0.08 perms	(ASTM E 96)
Water Impermeability	Nil	(ASTM E 96)
Adhesion to concrete	1.8 N /mm ²	(ASTM C -297 Mod.)
Crack Bridging	3 mm	ASTM C 836
Root Resistance	No puncture	(EMPA .Lupinus albus)
Hydrostatic pressure (±)	No leakage @ 7 bar	BS EN 12390
Abrasion resistance	≤ 60 mg	ASTM D 4060
Flammability	Passed	(ASTME-108)
Potable Water	Passed	(NSF/ANSI std 61)
Toxicity	Non Toxic	BS 6920 :Part1:2000/SPAN
VOC	≤ 5%	ASTM D 2369
Fungus Resistance	Pass	(No growth)
Chemical Resistance	Pass	Excellent resistance
Reaction to fire	Class A	ASTM E 84
Coverage	1.5 Kg/m ² @ 1000 micron thickness	
Drying time	4 to 8 hours	
Full time	4 days	

engineered to perform

engineered to perform

SURFACE PREPARATION

The proper surface preparation is essential for a successful waterproofing. Remove all deteriorated and loose concrete, form release agents, oil, grease, laitance, dust, dirt and efflorescence by dry or wet sandblast, shot blast, or high-pressure water. Repair deeper areas using OBS recommended material.

All cracks must be treated using DRYTEX CEM2P and reinforcing mat. Pre-fill any open cracks larger than 2 mm with DRYTEX CEM2P or any other material recommended by OBS. Embed a strip of reinforcing mat into the wet DRYTEX CEM2P and apply a second coat to fully cover the reinforcing mat (Consult OBS technical support to select the suitable reinforcement material according to the substrate).

MIXING: Mix in a clean container by slowly adding the powder component to the liquid component and mixing with low speed drill and mixing paddle. Gradually add the powder to the mixing liquid while the drill is running. Pot life is 60 min @ 35 °C

APPLICATION

Wet the surface with water prior to the cementitious waterproofing application to have optimum bonding. Can be applied conventionally by brush, roller or spray equipment. It is recommended to apply first coat by brush to obtain optimum adhesion.

DRYTEX CEM2P Waterproofing Membrane has excellent high build properties, and can be built up to 2000 micron wet in one application. However from a curing point of view and dependant on weather conditions at the time of application, it is more pertinent to apply and build up the membrane in two or more coats, to allow quicker cure in each stage. The thicker the application the longer the cure.

COVERAGE: 0.75 Kg of mixed membrane applied wet at 500micron thick will cover 1 square metre. When bridging wider cracks, bed reinforcing mat into the first layer, allowing for over coating once cured. It is ideal for reinforcing cracks in concrete floors prior to tiling. For all round protection and durability, the final coat in the system should be applied at a rate of 0.75 Kg per square metre giving an optimum dry film thickness. The service life of the membrane is a direct correlation to final dry film thickness. A built in latent curing mechanism activated by water loss happens in 3 stages. Firstly there is the initial evaporation of the majority of water in the system, followed by the second stage where the surface skins over and cures. The third stage (which takes a minimum of 2-6 days) is to complete cure and gain of cohesive strength. The application of the second coat can proceed after stage two. This is a two stage system, inclusive of the necessary bond breaker requirements being addressed.

LIMITATIONS Do not apply DRYTEX CEM2P when the temperature is expected to be below 4°C within 48 hours, or when rain is imminent.

PACKING 15 KG POWDER + 5 L LIQUID

STORAGE Store materials between 10°-50°C with careful handling to prevent damage to products. If conditions exceed these ranges, special consideration in storage must be taken. Do not store at high temperatures in direct sunlight. Shelf life under normal conditions in closed container will be 12 months.

WARRANTY On preapproved, qualified applications, when you use an approved applicator, a 10 year warranty is available. Contact OBS for complete warranty information.



Organix Building System LLC
 Dubai – United Arab Emirates
 Email : info@organixbs.com
 www.organixbs.com



ZAMBRE CONSTROTECH PVT.LTD.
 In Associated With

Branch 1 : Shop No.6, Amar
 Jyoti Apartments, Pune-Solapur
 Highway, Hadapsar,
 Pune - 411028

www.zcpl.co.in

Dry Tex HB500

High Build Waterproofing and Protection System

DRYTEX HB500 is a fluid applied, cross linked, tough, flexible and sustainable waterproof membrane, engineered with polyurethane modified elastomeric acrylic polymers which forms a thick rubber-like blanket of protection, insulation and waterproofing that expands and contracts with substrate. DRYTEX HB500 truly waterproof flat roofs, substructure, basement slab roof, pitched roofs, Parapet Walls, Metal Roof Decks, Terraces, etc., and provide a seamless membrane that stays watertight longer than conventional seamed membrane. It will not crack, crumble, or peel despite exposure to severe weather or total joint movement. It will provide a 100% waterproof and weather proof seal adhering tightly to any surface. This product forms a thick, rubber shield that expands and contracts to prevent cracking and substrate damage. This silicone enhanced product offers unbeatable waterproof protection and long term life. It also provides a highly protective barrier which reflects the sun's heat and destructive UV rays.

Features

- Completely seamless high build waterproofing membrane
- 100% adhesion of system to substrate and Chemical resistant
- Expands and contracts - clings to your roof in all temperatures
- Energy star product for Green roofing for energy efficiency
- Completely UV resistant & Protects corrosion
- VOC free, non-toxic and environmentally compliant
- Fire retardant and provide insulation to heat and sound.
- Resistance to chemicals

Application field

For waterproofing and protecting a wide assortment of substrates that are structurally sound. Designed for roof waterproofing solution for new build and refurbishment projects (exposed or concealed)

Roofs of most substrates (concrete, corrugated metal, cement screed, glass, timber etc)

Wet areas and Podium as an under tiling waterproofing membrane

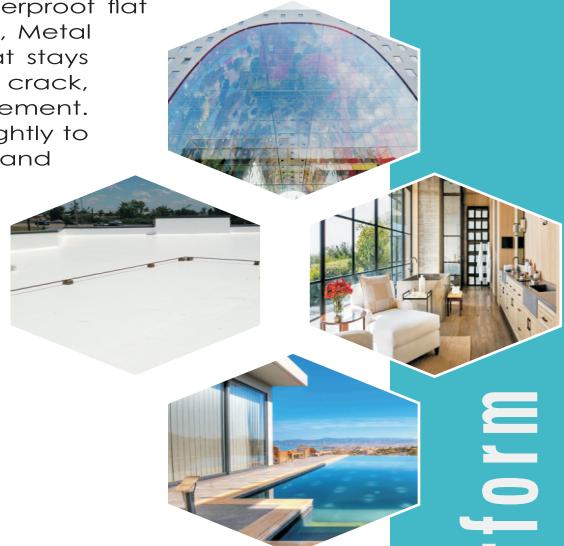
Façade, Pool and Planters area Building Substructure and superstructure

Properties

Property	Value	Test Method
Color	White	
Solids by weight	80 %	ASTM D 1259
Hardness	70 Shore A	ASTM D-2240
Tensile Strength	5 Mpa	ASTM D-412
Elongation	480%	ASTM D-412
Adhesion on concrete	2.2N/mm ²	ASTM D 4541
Crack bridging Passed	2 mm at 15°C	
Flash Point	None	
Application temperature	5°C – 50°C @Less than 85% relative humidity	
VOC	Less than 10 g / L	
Coverage	1.2 Kg / Sq.m for two layers	
Dry Time	Dry to touch in 4 – 6 hours, 12 – 24 hours to recoat.	
Full Cure	24 to 36 hours depends atmosphere conditions	

organix

BUILDING SYSTEM



engineered to perform

Installation

(a) Surface Preparation

Surfaces to be coated must be clean, dry and free of any oil, grease or dirt. Patch and repair cracks, blisters and other problem areas using suitable materials recommended by ORGANIX technical support. Any existing coating must be checked for good adhesion. The loose materials should be removed well. Clean by wire brush and use pressured air to blow out all the dust.

(b) Tools required

Tools or equipments to be used for the application

1. Roller (Short nap roller)
2. Brush (Good quality synthetic bristle brush)
3. Spray (Airless Sprayer, 1gpm, 3,000 psi, .027 or.031 tip)

(c) Reinforcing with FLEXIK.

Overlaps, corroded edges, penetrations of pipes or ducting should be reinforced by FLEXIK reinforcement or any approved compatible material (Contact ORGANIX for selecting the proper reinforcement product). If the reinforcement is by mat or fabric, apply a light coat of Liquid DRYTEX HB500, center the reinforcement fabric on the overlap and roll it out taking care not to create wrinkles press fabric down with squeegee. All fasteners should be sealed or capped with DRYTEX HB500 or SEALFLEX sealant with reinforcement material.

(d) Coating Application

All substrate-preparation materials must be allowed to dry prior to application of the DRYTEX HB500 coating. Immediately prior to application of the coating, all dust, dirt and other contaminants should be blown off the roof surfaces using compressed air. As it is a ready to use product, just mix the single pack itself thoroughly before use. Cover the entire roof substrate as follows.

Apply the basecoat at a rate of minimum 0.6 kg/sq.m. After allowing the basecoat to dry, apply the topcoat at a rate of minimum 0.6 kg / sq.m using a cross hatch technique. Apply the elastomeric coating by brush, roller or airless spray using a multi pass spray technique to ensure even coating application to all sides of the substrate. Make a conscious effort to apply coating into crimped or pre-sealed vertical (side-lap) seams that have not been detailed.

Packing 20 Kg Pail

Storage and Shelf life

Store materials in dry and covered place with careful handling to prevent damage to products. If conditions exceed these ranges, special consideration in storage must be taken. Shelf life under normal conditions in closed container will be 12 months.

Warranty On preapproved, qualified applications, when you use an approved applicator, a 25-year warranty is available. Contact us for complete warranty information.

Product information contained herein are presented in good faith and believed to be reliable. They do not constitute part of our terms and conditions of sale. It is also not a guarantee, either expressed or implied, that the data are correct or that products described are merchantable or fit for a particular purpose as methods of use are beyond our control. Customer should determine the suitability of our materials and installation recommendations before usage. Manufacturer's sole responsibility shall be to replace that portion of any product that proved to be defective.



engineered to perform

Organix Building System LLC
Dubai – United Arab Emirates
Email : info@organixbs.com
www.organixbs.com



ZAMBRE CONSTROTECH PVT.LTD.
In Associated With

Branch 1 : Shop No.6, Amar
Jyoti Apartments, Pune-Solapur
Highway, Hadapsar,
Pune - 411028

www.zcpl.co.in

Dry Tex PU

Single Component Polyurethane Waterproofing System

DRYTEX PU is a one - component, VOC compliant, ready to use ,elastic, polyurethane-based liquid applied waterproofing membrane. It cures by reaction with humidity, maintains its elasticity, suitable for applications to horizontal and vertical surfaces. DRYTEX PU is specially designed from a blend of polyurethane, reinforced with special water repelling fillers, minerals, stabilizers and gelling agent.

Features

- It's a highly elastic product, cures to a seamless rubber like membrane capable of withstanding severe cases of expansion, contraction and deck movements.
- Highly resistant to oxidation, UV light and ozone because of unique additives used in compounding it. It does not crack.
- Highly resistant to abrasion, water and root penetration.
- Superior wetting and adhesion properties ensure durable bond and resistance to peeling, chipping, and or separation and a longer life
- Has the unique property of adapting itself over the irregular contours of the deck and forming a waterproof and impervious blanket
- On-Walkable (light traffic) and resistant to chemicals
- Resistant to salty water and chemicals
- Ultra Low VOC, LEED and Green Building Construction comply product

Application field

Ideal waterproofing system for concrete based roof, wet area (toilets, bathrooms, kitchen, balcony) as an under tiling membrane, maintenance of existing roofs, masonry and concrete walls, basements, bridges, decks, podium, flower beds, planters area, terraces, corrugated metal roof etc.

Characteristics (Confirms to ASTM C 836)

PROPERTIES	TYPICAL DATA	TEST METHOD
Construction	Liquid Elastomeric polyurethane base	
Tear Strength	30 KN/m	ASTM D 624 -98
Tensile strength	1.6 N/mm ²	ASTM D 412
Elongation	850%	ASTM D 412
Solid content	90%	ASTM D 2369
Adhesion on Concrete	2.4 N/mm ²	ASTM D 903
Low Temp. Flexibility	-35°C	ASTM C 836
Shore A Hardness	65	ASTM D 2240-05
Crack bridging	3 mm	ASTM C 836
Modulus @100 % Elongation	1.34 N/mm ²	ASTM D 412
Water Impermeability	Impermeable	EN 14891
Spread rate	1 .2 Kg / m ² (Two Coats)	
Water Vapor Transmission	5.09 g/m ² /24 hours	ASTM E 96-95
Setting time	One day	
Duration between the coats	4 to 6 hours	
Application temperature	5° C to 50 °C	
Service Temperature	-40°C to 90°C	
VOC	Less than 20 g /L	ASTM D 3960/2369

organix

BUILDING SYSTEM



engineered to perform

All values given are subject to ±5-10% tolerances

Installation

(a) Surface Preparation

Surface to be waterproofed shall be dry, clean, sound and free of all contaminants which may interfere with adhesion or proper curing. The substrates should not contain holes or cracks and should be dust-free. All shrinkage cracks shall be treated with suitable material. Moving structural cracks greater than 2 mm shall be routed out and caulked with approved ORGANIX material. Detailing like horizontal-vertical junctures, projections, expansion joints and other areas of potential high movement may require reinforcement mate and sealants to detail. Consult with OBS tech for further information. All detailing must be cured for a minimum period of 12 hours prior to the application of the liquid membrane. Detailing shall be wiped clean prior to the application of the membrane.

(b) Tools or Equipment

Tools or equipment to be used for the application

1. Roller (Short nap roller)
2. Brush (Good quality synthetic bristle brush)
3. Spray (Airless Sprayer, 1gpm, 3,000 psi, .027 or .031 tip)

(c) Reinforcing the required areas (Optional)

Detailing like horizontal-vertical junctures, projections, expansion joints and other areas of potential high movement may require approved reinforcement mat and sealants to detail. Consult with OBS t for further information. All detailing must be cured for a minimum period of 12 hours prior to the application of the liquid membrane. Detailing shall be wiped clean prior to the application of the membrane.

(d) Coating Application

Before application, mix DRYTEX PU liquid well with a slow and stable speed mechanical mixer at least for 3 minutes. The mixing container should be dry and clean.

This rapid setting liquid is spread at the desired thickness onto the prepared surface. The coating is applied from the container using standard roofing brushes, squeegees or airless spray equipment at the recommended coverage rates on properly cleaned and prepared dry substrates. Application of the DRYTEX PU System should be done in one complete step to create a smooth uniform self leveling surface without cold joints, lines or streaks. Apply the first coat at the rate of 0.6 kg / sq.m Let it dry (approximately 4-6 hours should be waited between two layers), then apply the second coat at the rate of 0.6 kg /sq.m rate. Waiting time shortens in hot weather and lengthens in cold weather. Full cure for foot traffic and flood test require min curing period of 48 hours.

Packing 20 Kg Pail

Storage and Shelf life

Store materials in dry and covered place with careful handling to prevent damage to products. If conditions exceed these ranges, special consideration in storage must be taken. Shelf life under normal conditions in closed container will be 12 months.

Warranty On preapproved, qualified applications, when you use an approved applicator, a 25-year warranty is available. Contact us for complete warranty information.

Product information contained herein are presented in good faith and believed to be reliable. They do not constitute part of our terms and conditions of sale. It is also not a guarantee, either expressed or implied, that the data are correct or that products described are merchantable or fit for a particular purpose as methods of use are beyond our control. Customer should determine the suitability of our materials and installation recommendations before usage. Manufacturer's sole responsibility shall be to replace that portion of any product that proved to be defective.



engineered to perform

Organix Building System LLC
 Dubai – United Arab Emirates
 Email : info@organixbs.com
www.organixbs.com



ZAMBRE CONSTROTECH PVT.LTD.
 In Associated With

Branch 1 : Shop No.6, Amar
 Jyoti Apartments, Pune-Solapur
 Highway, Hadapsar,
 Pune - 411028

www.zcpl.co.in

Drytex'Roof

High Build Roof Waterproofing System

DRYTEX ROOF is a fluid applied, white, tough and flexible waterproof membrane, formulated with%100 acrylic elastomeric resin which forms a thick rubber-like blanket of protection that expands and contracts with roofs. DRYTEX ROOF truly waterproof flat roofs, pitched roofs, Parapet Walls, Metal Roof Decks, Terraces, etc., and provide a seamless roofing membrane that stays watertight longer than conventional seamed roofs. It will not crack, crumble, or peel despite exposure to severe weather or total joint movement.

USES For waterproofing and protecting a wide assortment of roofing substrates that are structurally sound such as concrete roofs, corrugated metal roofs, asphalt shingles, PU foam, wood etc.

FEATURES

- Completely seamless roof
- Expands and contracts - clings to your roof in all temperatures
- Energy Star rated product which saves Energy
- Reflects the sun's UV-rays & Protects corrosion
- Low VOC, non-toxic and environmentally compliant
- Fire retardant and provide insulation to heat and sound.



PROPERTIES (Confirmed to ASTM D 6083)

Property	Value	Test Method
Color:	White	
Solids by weight:	%80	
Density:	2. \pm 8.7 lbs per gallon	
Hardness:	60 Shore A	ASTM D2240-
Tensile Strength	2.8 Mpa	ASTM D412-
Elongation:	%400	ASTM D412-
Flash Point:	None	
Permeability	3.5 perms	ASTM E96-
Application temperature	°100 - °55F @Less than %85 relative humidity	
Coverage:	1 sq. m with 1.2 liter @1200micron Two coats(600miconX2)	
Dry Time:	Dry to touch in 6 - 4 hours, 24 - 12 hours to recoat.	
Shelf Life:	12 months @ °90-°40F	

INSTALLATION (a) Surface Preparation

Surfaces to be coated must be clean, dry and free of any oil, grease or dirt. Patch and repair cracks, blisters and other problem areas using suitable materials recommended by ORGANIX technical support. Any existing coating must be checked for good adhesion. The loose existing waterproof systems should be removed well. Clean by wire brush and use pressured air to blow out all the dust.

engineered to perform

(b) Application

Tools or equipments to be used for the application

1. Roller (Short nap roller)
2. Brush (Good quality synthetic bristle brush)
3. Spray (Airless Sprayer, 1gpm, 3,000 psi, .027 or .031 tip)

(c) Reinforcing of seams and overlaps

Tight overlaps and standing seam joints do not need to be reinforced. Overlaps, corroded edges, penetrations of pipes or ducting should b reinforced by Reinforcing mat or fabric or Flexik CT (Contact ORGANIX for selecting the proper reinforcement product). If the reinforcement is by mat or fabric ,apply a light coat of Liquid DRYTEX ROOF, center the reinforcement fabric on the overlap and roll it out taking care not to create wrinkles press fabric down with squeegee .Apply a full coat of Liquid Roof to seal top surface of fabric and roll back over to ensure coverage. All fasteners should be sealed or capped with DRYTEX ROOF with reinforcement material.

(d) Coating Application All roof-preparation materials must be allowed to dry prior to application of the DRYTEX ROOF coating. Immediately prior to application of the coating, all dust, dirt and other contaminants should be blown off the roof surfaces using compressed air. Cover the entire roof substrate as follows. 20 % of water can be added to the material to have an easy application.

1. Apply the basecoat at a minimum thickness of 600 Micron

2. After allowing the basecoat to dry, apply the topcoat at a minimum rate of 2sq.m per 1.2 liter using a cross hatch technique. Apply the elastomeric coating by brush, roller or airless spray, using a multi pass spray technique to ensure even coating application to all sides of the substrate. Make a conscious effort to apply coating into crimped or pre-sealed vertical (side-lap) seams that have not been detailed.

3. The coating minimum dry-film thickness required at any location is 1200 micron. This is generally considered the minimum coating thickness for a 15 years product warranty. For extended coverage periods, additional coats and heavier film builds will be required.

PACKING: 20 LITRE PAIL

STORAGE: Store materials between °90-°40F with careful handling to prevent damage to products. If conditions exceed these ranges, special consideration in storage must be taken. Do not store at high temperatures in direct sunlight. Shelf life under normal conditions in closed container will be 12 months.

WARRANTY

On preapproved, qualified applications, when you use an approved applicator, a -15year warranty is available. Contact us for complete warranty information.

Product information contained herein are presented in good faith and believed to be reliable. They do not constitute part of our terms and conditions of sale. It is also not a guarantee, either expressed or implied, that the data are correct or that products described are merchantable or fit for a particular purpose as methods of use are beyond our control. Customer should determine the suitability of our materials and installation recommendations before usage. Manufacturer's sole responsibility shall be to replace that portion of any product that proved to be defective.



engineered to perform

Organix Building System LLC
Dubai – United Arab Emirates
Email : info@organixbs.com
www.organixbs.com



ZAMBRE CONSTROTECH PVT.LTD.

In Associated With

Branch 1 : Shop No.6,Amar
Jyoti Apartments, Pune-Solapur
Highway, Hadapsar,
Pune - 411028

www.zcpl.co.in

HIGH BOND SBR

WATER RESISTANT STYRENE BUTADIENE BONDING AGENT

HIGHBOND SBR is a high performance, non-redispersible, Styrene Butadiene Rubber latex designed bonding agent and multipurpose admixture for cementitious systems which enhances water and abrasion resistance and increase durability. HIGH BOND SBR Waterproof Bonding Agent is ideal for use in internal and external renderings, flooring screeds and patch repairs. It can be used internally or externally where improvements in the physical properties of Portland cements systems are required.

FEATURES

- Increases durability and flexibility
- Ensures bonding of floor toppings, renders and repairs
- Reduces shrinkage and cracking
- Increased durability and toughness.
- High resistance to water penetration.
- Good abrasion resistance and proven performance
- Good resistance to many chemicals, frost, salt and to mineral oil.
- Excellent adhesion to steel and concrete.
- Adheres well to brick, glass, asphalt, wood, expanded polystyrene etc
- Prolonged corrosion protection.
- Similar thermal expansion and modulus
- properties to concrete (unlike resin mortars and primers).
- Non-toxic. Can be used with potable water.

APPLICATION FIELD

- For external rendering.
- For general concrete repair
- For plasters in swimming pools, fountains and water storage tanks .
- For laying industrial flooring, Screening and Roofing.
- For waterproofing and tanking
- For corrosion protection of steel

PROPERTIES

Conforms to ASTM C 1059, Type II

Appearance		White Liquid
Density	ASTM 1475	1.01 g/cc
pH		9-10
Solid content	ASTM D 2939	50 %
Stabilization		Non-iconic
Freeze thaw stability		Good
Mortar workability		1 Hour
Compressive strength	ASTM C 579	45 N/mm ²
Flexural strength	ASTM C 580	14 N/mm ²
Shear bond strength	ASTM C 882	6 N/mm ²
Application temperature		5 to 50 ° C

Tolerance of 10 % apply



engineered to perform

SURFACE PREPARATION

All surfaces must be sound, clean, free from dust, grease, oil and loose materials. Surfaces with high suction should be thoroughly dampened before application. Any excess water should be removed from the surface before application. Sands used in the mixes should be well graded, clean, sharp sands, and should conform to the appropriate standards.

APPLICATION

Hot, exposed or very absorbent surfaces should be dampened prior to application or priming with a mix of 1:8 bond and water. Washed aggregate and sand particle sizes should also correspond to the thickness of mortar to be applied and the required surface finish. SBR is compatible with manual mixing or misers of rotating blades. Agitation should be minimized to maintain good densities and avoid penetration of air.

For better effects all applications other than those sprayed on renders, a bonding primer coat 1:1 (HIGHBOND SBR : Water) is recommended. This can be brushed into the prepared surface and fresh mortar should be applied while the bonding coat is still wet. If it is water resisting renders please ensure that two priming coats are applied at right angles to a minimum and normal thickness of 1.5mm.

General Mix Mortars:

Cement	: 25Kgs
Sand	: 75Kgs
HIGHBOND SBR	: 5ltrs

Minimum water to attain desired workability (1:1 up to 1:4 HIGHBOND SBR & Water) where improved properties are required for thick bed mortar and renders above 15mm thickness, increase the latex use in the above ratio with HIGHBOND SBR to 7.5 Ltrs.

- Where Chemical resistance is required such as Battery Rooms, Water Treatment Areas etc. increase SBR according to the above ratio with HIGHBOND SBR to 10 Ltrs.
- Where only thin bedding is required mortars should employ richer cement/stand approaching 1:1 sand: Cement and SBR at 5 Ltrs per 25Kgs of Cement with water to the desired consistency.
- Repairs to Concrete: Apply priming coat (1:1 water) and allow to be tacky. Proceed to patch up repairs using a standard mix or one part Portland cement 2.5 parts clean and washed sharp sand mixed to approximate consistency with one part SBR and three parts of water.
- As plaster Bonding Agent: For gypsum, light weight gypsum and anhydrous plasters, seal the surfaces as required and prime with a solution of 1:1 (SBR: Water) till it becomes tacky and plaster straight on to the tacky surface in usual mode.
- For heavier rendering and cementitious toppings, Key Coat (Slurry Bond Coat) is compulsory.
- Key coat is prepared at 1:1(HIGHBOND SBR: Cement) with minimum make up water to provide brushable consistency. Apply to form a tacky coat and plaster straight on the tacky surface.

HIGHBOND SBR is recommended in view of its high strength and water resistance for:-
 1 . Exterior Plastering & 2. High Grade Interior Plastering.

CLEANING: Clean all equipment with water immediately after use

PACKING: 200 Litre Drums and 20 Ltr Pails/Jerry Cans

HEALTH & SAFETY INSTRUCTION

Non Hazardous. If ingested seek medical advice. Is essentially non hazardous in normal use. For further information please refer to Health and Safety data sheets available on request.



engineered to perform

Organix Building System LLC
 Dubai – United Arab Emirates
 Email : info@organixbs.com
www.organixbs.com



ZAMBRE CONSTROTECH PVT.LTD.
 In Associated With

Branch 1 : Shop No.6, Amar
 Jyoti Apartments, Pune-Solapur
 Highway, Hadapsar,
 Pune - 411028

www.zcpl.co.in

SealFLEX PU2000

ONE PART HIGH PERFORMANCE POLYURETHANE SEALANT

SEALFLEX PU2000 is a single pack, pourable, elastomeric PU sealant which effectively seals all joins subject to structural movement as well as non-moving joints against ingress of water and dirt. It is a non-slumping high performance, %100 neutral cure sealant formulated with completely earth friendly system. It gives superior adhesion and durability in a wide range of glazing, weather sealing and trade applications. It has excellent resistance to weathering, UV radiations, vibration, moisture, ozone, temperature extremes, airborne pollutants, and many cleaning detergents and solvents.

USES

For sealing of vertical or horizontal concrete joints, precast concrete, horizontal traffic, civil structures, curtain-wall panels, pavements, factories, terraces. Also, for all joint seal applications where a short curing period is required, such as expansion and contraction joints in shopping centers, sidewalks or any other medium to heavy traffic areas. It will effectively prevent water from entering the sealed joints and thereby eliminate erosion of the soil underneath the slabs. All coping joints and deck joints should be sealed. It's resistant to chemicals.

FEATURES

- Outstanding durability
- Self leveling and pourable
- Neutral cure and Low oxime odor
- One part no mixing and Permanently flexible
- Excellent gun ability (°20-C to °50C)
- Jet fuel resistant
- Weather proof and Low shrinkage

SPECIFICATION (meets ASTM C 920, Type S, Grade P, Class 25, for Use T)

Construction	Thick paste , cure in to rubber like highly flexible
Color	White, Grey , Black , Clear and other RAL colours as per order
Specific Gravity	1.62
Solid content	%100
Elongation	%1000
Shore Hardness	60
Bleeding /Staining	Nil
Adhesion	Extreme
Setting time	One day
Movement accommodation	%28+
Bonding to the substrate	%100
UV resistant	Highly stable
VOC	≤50g/L



engineered to perform

SPECIAL FEATURES

Highly Chemical resistant, Oil resistant and very stable to Oxon.

INSTALLATION

Joint Design:

Joints are designed such that the movement does not exceed %30 of the joint width.

JOINT WIDTH	DEPTH OF THE SEALANT
6mm to 12mm	6mm
12.5mm to 25mm	Width/2
Above 25mm	12.5mm

Surface preparation:

All joints must be absolutely clean. For concrete, sand blasting is recommended.

All curing compounds, grease, waterproofing compounds, etc. must be removed.

Polyurethane rod or polyurethane foam is recommended as a joint-filler and backup material. Fillers treatment with bituminous products, grease or oil should not be used. Where present, they must be removed or separated by vinyl tape or polyethylene film.

Application: Apply by caulking gun. Sealant should be applied in a continuous operation using sufficient pressure to fill the joint and make complete contact to the joint sides. Tool the sealant slightly concave using solvent or dry-tooling techniques. Do not tool with soap or detergent and water solutions.

MAINTENANCE

If SEAL FLEX PU1000 is damaged, and the joint has not been contained, it can be repaired by cutting out that part and resealing it with SEAL FLEX PU2000.

PACKING SIZES:

600 ml single pack cartridges and 20 Litre Pails.

STORAGE

SEALFLEX PU2000 has a shelf life of twelve months from date of manufacture when stored in the original unopened container in dry, shaded conditions.

TECHNICAL SUPPORT

OBS representatives are available to assist you in selecting an appropriate product and to provide on-site application instructions or to conduct jobsite inspections. For further assistance contact ORGANIX tech.support.

HEALTH AND SAFETY

Wear protective clothing, gloves and goggles.

Skin:- Avoid repeated or prolonged contact, if contact occurs ,clean with hand cleaner that removes oil or grease , then clean with soap and water. **Eyes :-** Contact could cause irritation. If contact occurs, flush with clean water. **Inhalation:-**Can cause dizziness. Remove to fresh air and if breathing difficulty persists, administer oxygen.



engineered to perform

Organix Building System LLC
 Dubai – United Arab Emirates
 Email : info@organixbs.com
www.organixbs.com



ZAMBRE CONSTROTECH PVT.LTD.
 In Associated With

Branch 1 : Shop No.6,Amar
 Jyoti Apartments, Pune-Solapur
 Highway, Hadapsar,
 Pune - 411028

www.zcppl.co.in



ZAMBRE CONSTROTECH PVT.LTD.
In Associated With
ORGANIX BULDING SYSTEM DUBAI (UAE)

ORGANIX BUILDING SOLOUTIONS CENTRE

- ❖ WATER PROOFING PRODUCTS
- ❖ SEALANTS
- ❖ MARINE COATINGS
- ❖ CONCRETE ADMIXTURES
- ❖ GEOSYNTETIC PRODUCTS
- ❖ FLOORING SYSTEMS
- ❖ ADHESIVES & PROTECTIVE COATINGS
- ❖ GROUTS
- ❖ CIVIL ENGINEERING PRODUCTS
- ❖ ACOUSTIC SOLUTIONS AND SYSTEMS

www.organixbs.com

E-Mail: info@zcpl.co.in | sales@zcpl.co.in | service@zcpl.co.in | www.zcpl.co.in