







ESSRBOND PU40 is an elastic, single component, moisture curing, Non Sag, Gun grade hybrid polyurethane Elastomeric sealant.

Design to seal construction joints that are subjected to movement, PU 40 has a very good adhesion to most construction and industrial materials.

FEATURES

- ♦ One Part moisture cure minimizes wastage
- ♦ Easy to apply
- Permanently elastic over a wide range of temperatures
- ♦ Non staining including Hydrophobic staining
- Excellent adhesion to a wide variety of substrates
- ♦ High UV and aggressive atmosphere resistance
- Environmentally friendly











ESSRBOND MS 40 is a one component, high performance sealant based on advance MS Polymer Technology. It is solvent, Silicone & Isocyanate free & Non- straining for natural stones applications. It has an excellent UV, weather and temperature resistance. It has excellent adhesion over a wide

variety of substrates and is paintable with most common industrial paints.

FEATURES

- ◆ Fast Cure
- Abrasion resistance including foot traffic
- High Strength adhesive bond
- Permanently Flexible
- No Shrinkage
- Non Staining Including Hydrophobic
- Staining
- Damp surface tolerant
- ♦ Low Dirt Pick up
- High UV and aggressive atmosphere resistance
- **Environmental Friendly**
- Service Temperature -40°C to 100°C

















ESSRBOND PU45 is a one component, moisture curing, non-sag, gun-grade polyurethane elastomeric sealant based on the pioneering silane cure technology designed for vehicle body assemblies. After cure, Essrbond PU45 forms a flexible resilient seal that has adhesion to a wide variety of substrates and exhibiting excellent mechanical and chemical resistance.

FEATURES

- · Good thixotropic and non sag
- Primerless adhesion to most substrates
- ◆ Excellent mechanical and chemical resistance
- ◆ Bubble-free curing
- ♦ Solvent-free
- ◆ Paintable with water and PU based paint
- ◆ Exterior and interior application
- ♦ UV stable and weather resistant
- ♦ Solvent and Isocyanate free
- ♦ Virtually odorless
- ♦ Non corrosive







ESSRBOND MS 50 is a one component, high performance sealant based on advance MS Polymer Technology. It is Solvent, Silicone and Isocyanate Free and Non staining for natural stones application. It has an excellent UV, weather and temperature resistance.

FEATURES

- ♦ Fast cure
- Excellent application characteristic
- High strength adhesive bond
- Excellent adhesion to a wide variety of substrates
- Good primer less adhesion on many common construction substrates
- Permanently flexible
- No shrinkage
- Non staining including Hydrophobic staining
- Damp surface tolerant
- Low dirt pick up
- High movement accommodation
- High UV and aggressive atmosphere resistance
- Environmentally friendly
- Service Temperature -30°C to 100°C



Chemische Global Private Limited

Vision Plus Building Office no. 16-19, Near Bhakti-Shakti Garden Old Mumbai-Pune Highway, Nigdi Pune 411044 (MH) INDIA E mail: office@essrbond.com / essrbond@gmail.com

Website: www.essrbond.com





GG 105



(Gun Grade Polysulphide Joint Sealant)

ESSRBOND GG 105 Is a Non sagging, 2 component, chemical resistance elastomeric, Expansion joint sealant. ESSRBOND GG 105 is specifically designed to be used as a watertight seal for moderate movement and control joints. It is based on Polysulphides polymer.

FEATURES

- Highly resilient with excellent recovery characteristics
- Provides permanent and uniform watertight seal
- Non-staining
- Excellent adhesion to most common building substrates
- Good resistance to ageing, retains joints soundness once cured
- Resistance against mild chemicals, hydrocarbon fuels, sea water



Expansion joints in



Interni structural seals



Portable water retaining structures











ESSRBOND PG 101 is a two component pourable, self leveling Expansion joint sealant. ESSRBOND PG 101 is specifically designed to be used as a watertight seal for moderate movement and control joints in horizontal areas. ESSRBOND PG 101 has excellent adhesion to concrete, stone, metal and other common building surface.

FEATURES

- High resilient with excellent recovery characteristics
- Provides permanent and uniform watertight seal
- ♦ Non- staining
- ♦ UV exposure
- Excellent adhesion to most common building substrate
- Good resistance to ageing.
- ♦ Retains joint soundness once cured
- Resistance against mild chemicals, hydrocarbon fuels,
- ◆ Non-Toxic Can be used in potable water applications, swimming pools















WPK 45P



ESSRBOND WPK 45 P is a premium, liquid- applied, Moisture curing, one component polyurethane membrane used for long-lasting waterproofing. ESSRBOND WPK 45 P is based on pure elastomeric hydrophobic polyurethane resins, which result in excellent mechanical, chemical, thermal, UV and natural element resistance properties. Cures by reaction with ground and air moisture.

- It is a single component polyurethane liquid applied waterproofing membrane.
- ♦ Creates a continuous watertight seal.
- ♦ It allows moisture vapor transmission.
- ♦ Bonds well to a variety of construction surfaces.
- ♦ It is applicable by brush, roller or spray gun
- ◆ Crack bridging

Area of application includes

Under-tile wet areas

(pools, bathrooms, balconies, terraces...) Flowerbeds and fountains

















WPK 55



The stress free honding

ESSRBOND WPK 55 is a MS Polymer based, one component liquid applied, solvent free waterproofing coating. It is UV resistance, crack bridging property coating material that can be applied even to damp surfaces, without primer. Whenapplied, ESSRBOND WPK 55 creates a continuous watertight seal. It has also excellent adhesion to almost all surface like concrete, metal, wood, ceramic, granite etc.

FEATURES

- Environmental friendly Free of bitumen, isocyanate and solvents
- Can be applied on damp surfaces.
- Fast curing.
- Has high adhesion property.
- Has crack bridging property.
- Protects its performance even at low temperature.
- Has high UV and chemical resistance.
- ♦ Can be walk able on it 8 to 10 hours after curing







Chemische Global Private Limited

Vision Plus Building Office no. 16-19, Near Bhakti-Shakti Garden Old Mumbai-Pune Highway, Nigdi Pune 411044 (MH) INDIA E mail: office@essrbond.com / essrbond@gmail.com

Website: www.essrbond.com





PU PRIMER



ESSRBOND PU Primer is a one component low viscosity primer for porous surface to be used with ESSRBOND WPK 45 P / WPK 55.

- Strengthens the adhesion of the coating to porous surfaces such as cement, brickwork, gypsum board and stone.
- ♦ Single component.













ESSRBOND PP 110 is a single component solvent based adhesion promoting primer for movement and control joints in porous substrates like concrete, block work, gypsum board and timber. The primer forms a chemical bridge between the concrete surface and the sealant which is applied into the joint.

FEATURES

- Strengthens the adhesion of joint sealant to porous surfaces such as cement, brickwork, gypsum board, timber and stone.
- Single component.
- Easy to apply











ACR 101



ESSRBOND ACR 101 is an acrylic copolymer based sealant specially formulated for sealing static gap / cracks. Suitable for following applications.

- Exterior & Interior Surfaces
- Plastered Surfaces
- For Filling cracks up to 5mm width







ESSR GS 500



GS 500

ESSRBOND GS500 is a hydrophobic grout foam on polyurethane. Upon contact with water, ESSRBOND GS500 reacts to closed cell rubber-like foam while expanding its volume up to 27 times. The cured material is of $\boldsymbol{\alpha}$ constant volume. Since water is not a component of the foam structure, the cured material is essentially not affected by water or dryness. The reacted material does not shrink or swell.

FEATURES

- Negative side application possible
- ♦ Deep penetration into very small cracks
- Foam increases in volume to fill cavities and voids
- Excellent bond to surfaces
- Good adhesive strength, tolerant of movement
- ♦ Inert after curing, constant volume, no shrinkage
- ♦ Dose not create new cracks





Chemische Global Private Limited

Vision Plus Building Office no. 16-19, Near Bhakti-Shakti Garden Old Mumbai-Pune Highway, Nigdi Pune 411044 (MH) INDIA E mail: office@essrbond.com / essrbond@gmail.com

Website: www.essrbond.com





ESSRBOND BIRD AWAY is a specially developed formulation based on NANO technology, suitable for preventing the colonization of most types of birds like feral pigeons, starlings, sparrows, crows, etc. BIRD AWAY is in the form of a gel which when applied creates a repellent surface which is unacceptable to the birds when they step on it, and fly away immediately.

APPLICATION AREA

- Pharmaceutical & Chemical plants.
- Food factories.







ESSRBOND E-Seal is a one part component, high performance putti based on MS Polymer Technology. It is solvent, Silicone and isocyanate free and non staining for natural stones application. it has an excellent UV Weather and temperature resistance. it has excellent adhesion over a wide variety of substrates and is paintable for application to difficult substrates associated with modern facade construction.

FFATURES

- ◆ Fast Cure
- High Strength Adhesive Bond
- Permanently Flexible
- No Shrinkage
- Non Staining Including Hydrophobic Staining
- High Movement Accommodation
- High UV And Aggressive Atmosphere Resistance

















Tooling with Soap Solution

ACR 250

ESSRBOND ACR 250 is a Non-slumping silicone free sealant designed for sealing applications exposed to temperatures up to 250°C. This product can be used for sealing all low movement joints, internal perimeter pointing of fire rated door and window frames and restricts the passage of fire and smoke from room to room and to escape routes, Since the sealant is water based, it is user friendly and low























ACR 250



The stress free honding

ESSRBOND Nail Free is an instant grip adhesive sealant based on advance MS Polymer technology. The instant grab technology will eliminates the need for bracing, nailing, screwing and other fastening devices. It is Solvent, Silicone and Isocyanate Free and Non-staining for natural stones applications. It has an excellent UV, weather and temperature resistance. It has excellent adhesion over a wide variety of substrates and is paintable with most common industrial paints.

FEATURES

- ♦ Fast cure
- ♦ Excellent application characteristics
- ♦ High strength adhesive bond
- ♦ Excellent adhesion to a wide variety of substrates
- ♦ Good primer less adhesion on many common construction substrates
- ♦ Permanently flexible
- ♦ No shrinkage
- ♦ Non staining including Hydrophobic staining
- ♦ High UV and aggressive atmosphere resistance
- ♦ Bacteriological attack
- ♦ Environmentally friendly
- ♦ Excellent low temperature aunnability













Chemische Global Private Limited

Vision Plus Building Office no. 16-19, Near Bhakti-Shakti Garden Old Mumbai-Pune Highway, Nigdi Pune 411044 (MH) INDIA E mail: office@essrbond.com / essrbond@gmail.com

Website: www.essrbond.com





R KRISTAL CLEAR



ESSRBOND KRISTAL CLEAR is a completely transparent adhesive & sealant suitable for many applications. it is ideal for bonding & sealing where a transparent almost invisible bonding is required.

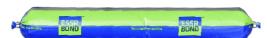
FEATURES

- ♦ Glass-like clarity
- ♦ Easy to tool & finish
- Paintable
- ♦ Excellent adhesion
- Water Resistant
- Solvent Free
- ♦ Isocyanate Free
- Virtually Odorless
- ♦ Non-Corrosive
- ♦ Suitable for different Substrates













8 EB100



ESSRBOND EB100 1K PUR ADHESIVE is single component moisture curing polyurethane adhesive, with high water resistance and high temperature

FEATURES

- ♦ Very High water Resistance
- ◆ Conform to EN 204/D4 and JAS (BWSD) Standard for boiling
- Strong Bonding

Adhesion On Wet Wood

◆ Easy To Use And Apply











Bonding







Gap Filling



One Side Application

EB 789



EB789

Weatherpro

Sealant

The stress free bonding

ESSRBOND EB 789 is a one part weatherproof sealant suitable for sealing joints in concrete, brickwork, block work, perimeter sealing around doors and windows.

FEATURES

- No Shrinkage.
- ♦ Good Weatherability, It Is Virtually Unaffected By Sunlight, Rain, Snow, Ozone & Extreme **Temperature**
- Paintable
- ♦ Easy For Application
- Primer Less For Most Applications
- UV Resistant
- Color Stable
- Performs As An Acoustic Sealant
- Available In A Range Of Colors
- **Environmentally Friendly**
- Low Dirt Pick Up













MS 1985



ESSR BO

IED SEAL

The stress free bonding

ESSRBOND MS 1985 is a tough, high performance, neutral cure modify sealant suitable for use in wide range of external and internal construction applications, such as UPVC doors & Windows, Glass & Aluminum sealing applications.

- Excellent weather proofing & UV resistance.
- ♦ Bonds well with ACP, glass, Plastic,
- ◆ Painted metals, wood, UPVC, marble & tiles, etc
- ♦ Specially designed for sealing of gaps in UPVC windows and doors

















Chemische Global Private Limited

Vision Plus Building Office no. 16-19, Near Bhakti-Shakti Garden Old Mumbai-Pune Highway, Nigdi Pune 411044 (MH) INDIA E mail: office@essrbond.com / essrbond@gmail.com

Website: www.essrbond.com





TOP COAT FOR WPK

FEATURES



ESSRBOND WPK TOP COAT is a flexible single component liquid membrane. based on PUD polymer which is specially designed for use as a top coat for ESSRBOND WPK 45 P when applied on surfaces exposed to direct sunlight.

- Fast drying at normal room temperature
- Good Weather resistance
- Good UV Resistance non yellowing, can be used externally
- Does not readily embrittle with age
- Good Flexibility
- No crack at Low temperature
- No thermal flow at elevated temperature
- Eco-Friendly low odour for easy use without irritation







AF 40

ESSRBOND AF 40 is an anti-fungal, neutral grade sealant specially formulated for use in hot, humid conditions such as bathrooms & kitchens. It contains fungicides, making it ideal for sanitary applications where protection against mildew is required.

FEATURES

- Very easy universal application
- ♦ Contains Fungicide For mildew, mold
- Almost no smell
- Permanently elastic after curing
- UV resistance
- Excellent adhesion to most building materials





























FSSP PUR 200



ESSRBOND PUR 200 is a moisture curing polyurethane based adhesive for binding of solid wood (especially of hard wood & tropical wood species), and also for many other substrate combination like HPL/ Cpl, bonding to galvanized iron or metals, bonding expanded polystyrene (sanded) to wood, stone etc.

FEATURES

- ♦ Very High water Resistance
- ♦ Conform to EN 204/D4 and JAS (BWSD) Standard for boiling water
- ♦ Strong Bonding
- ♦ Easy To Use And Apply



Adhesion On Wet Wood



No Visible **Bond Lines**



Foaming & **Gap Filling**



One Side **Application**







PU 1202



ESSRBOND PU 1202 is a two-component, moisture-curing, bitumen modified polyurethane elastomeric waterproofing membrane

- Recommended for exterior below-grade or between-slab.
- Wide service temperature range and suitable for all climates.
- Resists bacterial attack, and many acids, alkalis, and salts.
- It forms a seamless membrane and hence eliminates overlapping, seaming, and precutting





Chemische Global Private Limited

Vision Plus Building Office no. 16-19, Near Bhakti-Shakti Garden Old Mumbai-Pune Highway, Nigdi Pune 411044 (MH) INDIA E mail: office@essrbond.com / essrbond@gmail.com

Website: www.essrbond.com





BR EPDM ADHESIVE

ESSRBOND EPDM Adhesive is a durable and unique adhesive based on MS Polymer technology Cures under the influence of moisture and leaves a permanent layer of elastic rubber. It bonds to a variety of EPDM available in market.



FEATURES

- ♦ Adheres excellently without primer on various EPDM sheets.
- Durable and permanently plasto-elastic.
- High mechanical resistance and extension.
- Neutral fast curing, nearly odourless.
- Good resistance to UV, weather conditions and water.
- No shrinkage and no air bubbles.
- Not corrosive on metals.
- Free of isocyanates, solvents and silicones.
- Suitable as both if interior and exterior adhesive





B EA 121



ESSRBOND EA 121 is a two component, semi-rigid epoxy sealant for filling control and construction joints in industrial concrete floor. This product supports the joint edges and reduces sailing of the edges caused by wheel Traffic.

FEATURES

- Semi-flexible formula that allows for limited temperature and humidity movement of concrete.
- Tough performance reduces floor joint repairs and maintenance.
- Suitable for filling cracks in older floors to reduce the rate of deterioration



PU 275



ESSRBOND PU SEALER – 275 is a low modulus, two part pitch free polyurethane elastomeric pavement sealant formulated to accommodate continual movement.

- It is resistant to fuel, oil, hydraulic fluid and skydrol, and remains in a stable condition when exposed to high temperature and high humidity climatic conditions.
- It is mainly used for the sealing, maintaining and resealing of movement joints in concrete pavements, Including airport runways, concrete roads and hard standings.





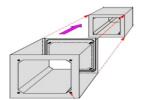
BC 880



ESSRBOND Box culvert sealant is developed to overcome the persistent problems faced by contractors of water leaking because of sealant failure while using conventional 1K or 2K systems.

♦ CGSEAL BC sealant which is based on MS POLYMER / EPOXY HYBRID has good water-resistant adhesion and hence water leakage problem can be prevented









After machine fixation using meta fitting to connect BC, apply sealant on the outer/inner joint.



Chemische Global Private Limited

Vision Plus Building Office no. 16-19, Near Bhakti-Shakti Garden Old Mumbai-Pune Highway, Nigdi Pune 411044 (MH) INDIA E mail: office@essrbond.com / essrbond@gmail.com

Website: www.essrbond.com







ESSRBOND FB 195 is a One-component, MS polymer-based adhesive for decorative fibreglass and wallpaper in wet areas



FEATURES

- ♦ Very easy to apply by trowel and roll.
- Excellent wetting.
- Low consumption.
- Makes it possible to adjust the sheets.
- ♦ Colourless, anti-yellowing and resistant to UV, it doesn't stain the sheets and the joints.
- Fast setting.







2K 162

2K Epoxy Adhesive



ESSRBOND 2K 162 is a solvent free, two pack epoxy system. The product is supplied in a two pack cartridge with a static mixer nozzle for ease of application. On full curing it has negligible shrinkage and develops excellent mechanical properties. It also has excellent corrosion resistance and heat resistance properties.











SR WPK 65



ESSRBOND WPK 65 is a two-component, aliphatic, polyaspartic (cold polyurea), liquid waterproofing membrane:

FEATURES

- ♦ Based on elastomeric, hydrophobic, polyaspartic resins, featuring thus excellent mechanical, chemical, thermal, UV and weathering properties.
- Forms a continuous, elastic, waterproof and vapour permeable membrane, without seams or joints.
- Provides excellent adhesion to various substrates, like concrete, cement screeds, wood and most waterproofing membranes.
- Applicable even to irregular substrates.





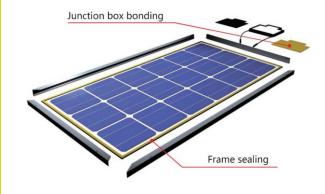




ESSRBOND SOLAR 600 is a one component, RTV curing, non-sag, gun-grade elastomeric sealant based on the pioneering silane cure technology. It is designed to provide long term sealing and protection against moisture, environmental degradation, mechanical and thermal shock, and vibration. It not only seals and protects, but its high elasticity after cure allows flexibility in harsh conditions, suitable for photovoltaic framing application.

FEATURES

- ♦ Excellent UV resistance
- Excellent weather resistant.
- Good adhesion to typical PV substrates
- Protects against mechanical shock and thermal cycling stress
- ♦ Non corrosive



Chemische Global Private Limited

Vision Plus Building Office no. 16-19, Near Bhakti-Shakti Garden Old Mumbai-Pune Highway, Nigdi Pune 411044 (MH) INDIA E mail: office@essrbond.com / essrbond@gmail.com

Website: www.essrbond.com





WPK 75



ESSRBOND WPK 75 is a two-component, aliphatic, polyaspartic (cold polyurea), liquid waterproofing membrane specially developed for vertical application:

Based on elastomeric, hydrophobic, polyaspartic resins, featuring thus excellent mechanical, chemical, thermal, UV and weathering properties

Forms a continuous, elastic, waterproof and vapor-permeable membrane, without seams or joints.

APPLICATION

- Terrace wall, Flat roofs and balconies, as an exposed waterproofing membrane
- Under thermal insulation boards on flat roofs
- Gypsum and cement boards
- Old layers of bituminous membranes
- ♦ Polyurethane foam
- ♦ Metal surfaces





FR 501



ESSRBOND FR 501 is a one-part flexible acrylic water based acoustic, fire rated sealant. It is specifically formulated to form an acoustic and fire rated intumescent barrier by sealing gaps between plasterboard walls, floors and ceilings, dry linings, and kraft lined insulation boards. It adheres to all construction substrates and can be painted within one hour, dependant on temperature and humidity. ESSRBOND FR 501 is solvent free, non flammable, and easy to use and clean up.

APPLICATION

Ensure all surfaces are clean, dry and sound.

Masking tape may be used to ensure neat sealant lines. Apply a continuous sealant bead into the joint. Tool within 5 minutes of application with a suitable spatula. Remove masking tape immediately after tooling

Essrbond FR 501 is only water resistant once fully cured; therefore do not apply in damp conditions.







Since 2010, ESSRBOND has been addressing the growing demand for sealants, adhesive and speciality coatings in India and across the globe. We offer bonding and sealing solutions construction, infrastructure, automobile, busbody building and beyond through our brand ESSRBOND.

We believe in creation value for our customers by delivering innovative and latest products of international standard along with an excellent technical support at a competitive price.

Our comprehensive ESSRBOND range of products is developed and manufactured at four manufacturing plant located in PUNE, MAHARASHTRA. These manufacturing facilities are ISO 9001: 2015 QMS certified and are equipped with modern laboratory and highly automated production line.

Our Certification

» IATF 16949 : 2016

» ISO 14001 : 2015

>> ISO 9001 - 2015





Product Segment







INFRASTRUCTURE



BUSBODY BUILDING



HVAC



AUTOMOTIVE



SHIPBUILDING



RAILWAY



Why Us



ASSURED QUALITY



MULTIPLE APPLICATION



COMPETETIVE PRICING



WORLDWIDE REACH



Customer Centric
Approach

Strong
Bond

GLOBAL PRESENCE



- New Zealand
- Australia
- Malaysia
- Thailand
- UAE
- japan
- Egypt

- Saudi Arabia
- UK
- Srilanka
- Nepal
- Vietnam
- USA
- Nepal

- Singapore
- Bangladesh
- Oman
- Qatar
- Kenya



Chemische Global Private Limited

Address: Office No 16-19, Vision Plus Building, Near Bhakti Shakti Garden, Old Mumbai - Pune Highway, Nigdi, Pune - 411 044 (MH) INDIA.

Email: Office@essrbond.com / essrbond@gmail.com

Phone No: 744-747-8803 / 744-776-6238





