



SEALANTS & FOAMS





EBUSEAL PS 600

POLYURETHANE BASED SEALANT

H.S:391000000019



DESCRIPTION

EBUSEAL PS 600 is a one component, elastomeric, mois-ture-curing, polyurethane sealant.

USAGE AREAS

- Used for joint filling in horizontal and vertical surfaces in indoor and outdoor spaces.
- Suitable for filling joints in structures such as steel, aluminum, metal, copper, stone, plastic, wood, concrete, and parapets.
- Used as an adhesive for joining light elements and industrial floors.
- Applied between precast wall panels and in the joining details of prefabricated elements.
- Used for filling expansion joints.

CHARACTERISTICS

- It is resistant to water, industrial detergent, hydrocarbon resin and other chemicals. (consult for list)
- It is antibacterial.
- It has high adhesion feature.
- It provides permanent waterproofing, and it is long lasting.
- It can be painted. (with water based acrylic paint)
- It does not require the use of primer.
- It is not affected by weather conditions, expansion movements.

APPLICATION METHOD

Surface Preparation

- Surface should be clean and free from dust, oil, paint, curing, bitumen.
- Sand raised and swollen areas on wooden surfaces.
- Thoroughly clean rust, dirt, and oils on metal surfaces.
- Clean joints on cement-based surfaces with a wire brush.
- Use a polyethylene backing rod to support the joint paste and adjust its depth before application.

Application

- Apply EBUSEAL PS 600 using a cartridge/sausage gun.
- For cartridges, drill the plug at the end and cut and attach the plastic mouthpiece according to the joint size.
- For sausages, place the sausage in the gun tube, cut the tip, close the gun, and make the application.
- Press the material towards the joint edges with a spatula immediately after application for better adhesion.
- Protect the product against water for 2-3 hours after application.
- When applying to concrete surfaces, ensure the concrete is at least 28 days old and the surface is dry.
- Prevent contact of the product with the skin during application, and wash with plenty of water in case of contact.



CONSUMPTION

Variable

PACKAGING AND STORAGE

600 ml Sausage.

Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

TECHNICAL DATA

Shore A hardness	~ 35
Specific gravity	~ 1.15 gr / ml
Service temperature	-35°C / +80°C
Application temperature	+5°C / +35°C
Curing speed	60-100 minutes (20°C, 50% humidity)
Curing thickness	> 2.5 mm (24 hours, 20°C)
Elasticity module	~ 0.20 Mpa
Tensile strength	~ 0.40 N/mm ² (100%, +20°C)
Mobility	25%
Flexibility	1000%
Color	Grey, red, black, white, green, beige

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



EBUSEAL AS 610

ACETIC, HYGIENIC SANITARY SILICONE SEALANT

H.S:391000000019



DESCRIPTION

One component, general-purpose, hygienic acetic-curing silicone sealant. It is suitable for sealing the joints between materials and coverings. The sealant does not sag during or after application and prevents the formation of pores on the surface during curing. It effectively inhibits mold growth in areas exposed to excessive humidity or lacking ventilation. The silicone sealant exhibits full performance and elasticity even in extreme temperatures, ranging from as low as -40 °C to as high as 100 °C.

USAGE AREAS

- Suitable for indoor applications of wet areas, window and door systems, kitchens and various DIY applications.

CHARACTERISTICS

- Silicone-based mastic sealant, transparent/white color, density 0.98 gr/cm³.
- Multipurpose with excellent adhesion to vitrified surfaces.
- No pore formation during curing.
- High durability, solvent-free, non-sagging.
- Full performance at low and high temperatures.

APPLICATION METHOD

Surface Preparation

- To ensure proper bonding, the surface must be clean.
- Remove any dust, dirt, grease, or other contaminants that may act as a barrier.
- The surfaces should be mature, sound, stable, smooth, and dry.
- Impervious surfaces such as glass or vitrified wares should be cleaned using a solvent-based cleaning material.
- Make sure to wipe off the material from the surface before it dries.
- Depending on the surface condition, priming may be necessary to enhance bonding.

Application

- To prevent excessive sealant from contaminating the surrounding surface, tape the sides of the joint for masking.
- Use a sealant gun to apply the sealant.
- Insert the cartridge into the gun and cut off the tip diagonally, considering the width of the joint.
- Apply an appropriate amount of sealant into the joint.
- Smooth the surface using a sealant pen or spatula before the sealant forms a skin.
- After application, remove the masking tapes.
- Wet sealant residue can be easily cleaned with a cloth, while dried residue may require mechanical cleaning.



Application Conditions

- Consistency: Non-sag
- Application tool: Sealant gun
- Application temperature: +5 °C - +40 °C
- Initial set time (for contact): Minimum 10 minutes
- Formation of surface film set time: Minimum 25 minutes

CONSUMPTION

The approximate coverage amount may vary depending on the application thickness:
10-12 linear meters / 310 ml cartridge.

PACKAGING AND STORAGE

Plastic cartridges of 310 and 280 ml (25 cartridges in a box).

Store the unopened product in a cool, dry place above 5 °C. It has a shelf life of 18 months from the manufacturing date indicated on the packaging. Opened cartridges should be tightly closed to avoid air contact. Do not use the product after the expiration date, unless quality control tests confirm its suitability.

SAFETY PRECAUTIONS

Not suitable for acid-sensitive surfaces, inox, aluminum, metals, polished marbles, or limestone. Avoid contact with cementitious, EPDM, APTK, and neoprene surfaces. Pre-test on a spare surface area for resistance to acidic effects. Not for bonding glazed surfaces or use in aquariums. Not paintable. Longer curing time in low temperatures, high humidity, and poorly ventilated areas. Take precautions to prevent contact with skin and eyes.

TECHNICAL DATA

Extrusion rate	800 ml/min. (23 °C, 3 mm nozzle, 650 N/mm ²)
Tensile strength	0,6 N/mm ² (ISO 8339)
Ultimate elongation	200% (ISO 8339)
Hardness (Shore A)	18 (ISO 868)
Modulus (100% flexion)	0,36 N/mm ²
Tear strength	4,0 N/mm ² (ISO 34 method C)
Resistance to thermal shocks	-40 °C - +100 °C

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





EBUSEAL NS 810

NEUTRAL ANTIBACTERIAL SILICONE SEALANT

H.S:391000000019

DESCRIPTION

One component, antibacterial silicone sealant for outside sealing and grouting applications. It is non-corrosive, compatible with alcaly and cement surfaces, and resistant to sagging. The sealant inhibits mold growth in humid or poorly ventilated areas. It offers UV and weather resistance, maintaining performance in temperatures from -40 °C to 150 °C.

USAGE AREAS

- Suitable for indoor and outdoor applications
- Ideal for wet areas, window and door systems, kitchens, and various DIY projects
- Versatile usage in cars, boats, vans, and houses
- Can be used for filling expansion joints in internal areas

CHARACTERISTICS

- Material content: Silicone
- Type: Mastic
- Color: Transparent/white
- Density: 1.01 gr/cm³
- Excellent adhesion on concrete, cementitious, and aluminum surfaces, Ideal for professional applications
- No pore formation during drying, odorless
- Full performance at low and high temperatures
- Non-sagging and highly durable
- Ideal for DIY applications, 100% silicone

APPLICATION METHOD

Surface Preparation

- Surface must be clean for proper sealant bonding
- Surfaces should be free from dust, dirt, grease, and contaminants
- Surfaces should be mature, sound, stable, smooth, and dry
- Impervious surfaces (glass, vitrified wares, etc.) should be cleaned with a solvent
- Wipe off excess solvent before it dries
- Priming may be required for enhanced bonding, depending on the surface format

Application

- Tape the sides of the joint to prevent sealant contamination
- Apply the sealant using a sealant gun
- Cut the tip of the cartridge diagonally according to the joint width
- Apply an adequate amount of sealant into the joint
- Smooth the surface with a sealant pen or spatula before the sealant forms a skin.
- Remove the masking tapes after application
- Wet sealant remains can be cleaned with a cloth, while dried remains require mechanical cleaning.



Application Conditions

- Consistency : non-sag
- Application tool : sealant gun
- Application temperature : +5 °C - +40 °C
- Set time (initial / for contact) : minimum 10 minutes
- Set time (formation of surface film) : minimum 25 minutes

CONSUMPTION

The approximate coverage amount may vary depending on the application thickness:
10-12 linear meters / 310 ml cartridge.

PACKAGING AND STORAGE

Plastic cartridges of 310 and 280 ml (25 cartridges in a box).

Store the unopened product in a cool, dry place above 5 °C. It has a shelf life of 18 months from the manufacturing date indicated on the packaging. Opened cartridges should be tightly closed to avoid air contact. Do not use the product after the expiration date, unless quality control tests confirm its suitability.

SAFETY PRECAUTIONS

Not suitable for acid-sensitive surfaces, inox, aluminum, metals, polished marbles, or limestone. Avoid contact with cementitious, EPDM, APTK, and neoprene surfaces. Pre-test on a spare surface area for resistance to acidic effects. Not for bonding glazed surfaces or use in aquariums. Not paintable. Longer curing time in low temperatures, high humidity, and poorly ventilated areas. Take precautions to prevent contact with skin and eyes.

TECHNICAL DATA

Extrusion rate	300 ml/min. (23 °C, 3 mm nozzle, 650 N/mm ²)
Tensile strength	0,7 N/mm ² (ISO 8339)
Ultimate elongation	300% (ISO 8339)
Hardness (Shore A)	22 (ISO 868)
Modulus (100% flexion)	0,34 N/mm ²
Resistance to thermal shocks	-40 °C - +150 °C

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



EBUSEAL GP 910

GENERAL PURPOSE SILICONE SEALANT

H.S:391000000019



DESCRIPTION

EBUSEAL GP 910 is a multipurpose acetoxy cure silicone sealant that cures quickly to provide a permanently flexible, high strength waterproof seal. It contains a powerful antifungicide to prevent mould growth.

USAGE AREAS

Sealing glass to glass.
Sealing glass to aluminium and metal sealing.
Sealing around baths, showers, basins and other sanitary ware.
Sealing around worktops and laminates.
For aluminium gutter sealing.

CHARACTERISTICS

- Permanently flexible.
- Anti-fungal formula & prevents mould growth.
- Quick curing & low dirt pick up.
- Low viscosity for fast application.

APPLICATION METHOD

Surface Preparation

All surfaces must be clean, dry and dust free.
All loose or flaking surface coatings, and old sealant and mastic joints, should be removed before application.
Glass, metal and aluminium should be cleaned with a proprietary solvent cleaner prior to application for optimum adhesion.

Application

Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut cleanly at an angle of 45° with an opening slightly larger than the gap to be sealed. Apply using a standard sealant gun. Best results will be obtained by keeping an even pressure on the gun trigger and keeping the gun at a constant angle to the surface being sealed.

Smooth down within 10 minutes of application. To ensure a proper bond, always smooth the sealant down using a spatula or piece of wood wetted with a soap and water solution. An improved appearance can be achieved by placing masking tape to both sides of the joint and removing within 5 minutes of application.

Application Conditions

Optimum working conditions 18°C - 25°C, floor temperature above 15°C Relative Humidity below 75%
Leave until the adhesive is fully set (min. 24 hours but ideally 48 - 72 hours)

CONSUMPTION

The approximate coverage amount may vary depending on the application thickness: 10-12 linear meters / 310 ml cartridge.

PACKAGING AND STORAGE

280 ml, 310 ml cartridges
Store in cool dry conditions between +5 °C and 25 °C
Minimum shelf life 18 months in original packaging and in relatively cool storage conditions. Protect from frost. Tightly seal opened containers and use the contents as quickly as possible.

SAFETY PRECAUTIONS

Contact of the product with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. If swallowed, drink a few glasses of water immediately and seek medical advice. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves and protective goggles should be used during use.

TECHNICAL DATA

Skimming time	5 mins @ 20°C
Cure time	2 mm per 24 hours
Hardness (Shore A)	15-25
Shrinkage	9-15%
Application Temp. Resistance	+5°C to +40°C
Service Temp. Resistance	-30°C to +150°C
Tensile strength	1,5 MPa
Stress	0,3MPa at 100% elongation
Specific gravity	1,00
Minimum joint width	4 mm
Maximum joint width	25 mm
Joint ratio	Maximum depth 50% of joint width
Elongation at break	400%

The above values are given at +20°C and for 50% relative humidity.
High temperatures shorten the time, low temperatures prolong the time.





EBUFOAM 600

POLYURETHANE FOAM

H.S:391000000019

DESCRIPTION

Polyurethane foam formulated for fixing and gap filling applications. It is an economical solution for gap filling applications. Resistant to humidity and mould, it provides a long life semi hard filling material.

USAGE AREAS

Filling gaps around door and window frames.
Filling penetration gaps of gas pipes, plumbing, electricity installations.
Filling holes, cracks and gaps in buildings for insulation purpose.
Mounting applications of panels, air conditioning and air vents.

CHARACTERISTICS

- Low expansion, does not apply high pressure on application substrates and door frames.
- High yield enables to fill around higher number of door and window frames.
- Cures quite fast even eliminating the need of moisturizing the substrates.
- Excellent cell structure and stability enables effective insulation and no shrinkage.
- Semi-flexible structure enables to re-shape the foam by hand with ease.

APPLICATION METHOD

Surface Preparation

- Application surfaces must be clean and dry and not contain oil, rust and loose parts.
- Slightly wetting the surfaces might increase performance of foam and make it dry faster.
- The surrounding of application areas where foam shall not be applied may be covered for protection purpose.

Application

- Bring aerosol can to room temperature.
- Ambient temperature should be +10°C to +30°C.
- Shake the can vigorously before attaching the straw.
- Attach the straw to the valve by twisting.
- While the can is upside down, press the trigger for the foam to come out.
- Since the foam would expand, fill the gaps partially. Too big gaps should be filled in two layers and top of foam should be wetted.
- Continue to shake the can from time to time during application
- Leave the straw for the next application, otherwise clean the valve with a solvent like acetone.
- Fresh foam can be cleaned with foam cleaner or a solvent like acetone.

Application Conditions

Consistency : non-sag
Application temperature : +5 °C - +40 °C
Set time (initial / for contact) : minimum 20 minutes
Set time (formation of surface film) : minimum 35 minutes

CONSUMPTION

Changes according to application type and surface

PACKAGING AND STORAGE

Gross 600gr aerosol cans. 16 cannisters in a box.
12 months if stored in a cool and dry environment in upright position between 10°C and 30°C .

SAFETY PRECAUTIONS

To protect from direct sunlight, the foam must be painted or covered with a sealant. It is not possible to provide strong adhesion on teflon, PE and PP plastics.

It contains difenylmethane -4,4 diisocyanate. If inhaled for long periods, it may cause sensitivity on respiratory organs. If the wet foam contacts the skin for long periods, it may cause local rash and sensitivity on the skin. Therefore, the environment should be well-ventilated during the application, contact with the skin should be avoided and protective gloves and safety goggles should preferably be worn. Aerosol can is filled with flammable propellant gases under high pressure. It should not be punctured and should be kept away from any heat source or flames.

Refer to safety info form of the product for detailed information.

TECHNICAL DATA

Density 24-28 kg / m³
 Yield: 35-45 litres /1000ml
 Fire Rate (DIN 4102): B3
 Shrinkage: Max %5
 Expansion: %150-250
 Tack-Free Time: 15-20 minutes
 Cutting Time: 1 hour
 Full drying time: 12-24 hours
 Colour: Light Yellow
 Thermal Stability: between -50°C and +100°C
 Compression strength: min 3N/mm²
 Cutting strength: min 3 N/mm²
 Thermal Conductivity: 0.030 W / m K
 Water absorption: max.%20
 Flash point (cured foam): >400C
 Closed cell ratio: >%70

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



EBUFOAM 840

POLYURETHANE FOAM

H.S:391000000019



DESCRIPTION

High efficiency polyurethane gun foam for professional users, which can be easily dosed with the application gun. Resistant to humidity and mould, it provides a long life semi hard filling material.

USAGE AREAS

Filling and insulating gaps around window and door frames,
Filling penetration gaps of pipes belonging to gas, water, electricity etc. installations,
Filling and insulating irregular gaps, cracks and holes in buildings.

CHARACTERISTICS

- High yield foam allows to fill higher number of doors and windows
Application with a gun-allows easier and more controllable dosage,
- Controlled expansion, low pressure on door and window frames,
- Cures fast, becomes cuttable within half an hour,
- High stability, no shrinkage,
- Non-sag on vertical substrates,
- Re-usable if the applicator gun left on the can,
- Strong adhesion on common building materials.

APPLICATION METHOD

Surface Preparation

Application surfaces must be clean and dry and not contain oil, rust and loose parts.
Slightly wetting the surfaces might increase performance of foam and make it dry faster.
The surrounding of application areas where foam shall not be applied may be covered for protection purpose.

Application

Bring aerosol can to room temperature.
Ambient temperature should be +10C to +30C.
Shake the can vigorously before attaching the straw.
Attach the straw to the valve by twisting.
While the can is upside down, press the trigger for the foam to come out.
Since the foam would expand, fill the gaps partially.
Too big gaps should be filled in two layers and top of foam should be wetted.
Continue to shake the can from time to time during application
Leave the straw for the next application, otherwise clean the valve with a solvent like acetone.
Fresh foam can be cleaned with foam cleaner or a solvent like acetone.

Application Conditions

Consistency : non-sag
Application temperature : +5 °C - +40 °C
Set time (initial / for contact) : minimum 20 minutes
Set time (formation of surface film) : minimum 35 minutes

CONSUMPTION

Changes according to application type and surface

PACKAGING AND STORAGE

Gross 840gr aerosol cans. 16 cannisters in a box.
12 months if stored in a cool and dry environment in upright position between 10°C and 30°C .

SAFETY PRECAUTIONS

To protect from direct sunlight, the foam must be painted or covered with a sealant. It is not possible to provide strong adhesion on teflon, PE and PP plastics.
It contains difenylmethane -4,4 diisocyanate. If inhaled for long periods, it may cause sensitivity on respiratory organs.
If the wet foam contacts the skin for long periods, it may cause local rash and sensitivity on the skin. Therefore, the environment should be well-ventilated during the application, contact with the skin should be avoided and protective gloves and safety goggles should preferably be worn.

TECHNICAL DATA

Density 18 -20 kg/m³
Yield: 55-60 litres /1000ml
Fire Rate (DIN 4102): B3
Shrinkage: Max %5
Expansion: %50 -80
Tack-Free Time 8 -10 minutes
Cutting Time : 25 -35 minutes
Full drying time: 8 -16 hours
Colour: Light Yellow
Thermal Stability: between -50°C and +100°C
Compression strenght: min 3N/mm²
Cutting strenght: min 3 N/mm²
Thermal Conductivity: 0,030 W / m K
Water absorbtion: max.%20
Flash point (cured foam): >400C
Closed cell ratio: >%70

The above values are given at +20°C and for 50% relative humidity.
High temperatures shorten the time, low temperatures prolong the time.

