

CHARACTERISTICS:

- It perfectly seals any joints any fire referent area.
- It seals even small leaks in these ducts which causes serious heat loss.
- It also absorbs some part of vibrations generating from motors and impellers.
- It quickly forms a strong bond to galvanize still, aluminum or mild steel.

URJA FIRESTOP SEALANT IS TOTALY SILICONE FREE AND WATERBASE PRODUCT.

APPLICATION GUIDE PREPARATION

DO NOT THIN. Stir well, but do not use sticks or boards which would splinter or otherwise contaminate the product. Apply only to clean, dry, oil-free surfaces.

APPLICATION

Apply by brush, cartridge gun, trowel or extrusion. On spiral duct apply a thick coat of URJA water based fire stop sealant. Brush excess Urja water based fire stop sealant over the exterior of the joint and over the heads of all metal screws after they are in place and the joints is mechanically fastened.

BRUSH

On spiral duct apply a thick coat of Urja fire stop sealant to the male end of the coupling prior to slipping the straight run of spiral duct over it. Brush excess sealant over the exterior of the joint and over the heads of all metal screws after they are in place and in place and the joint is mechanically fastened. On the flanges of rectangular ducts both flange faces should receive a coat of sealant before joining with the flange gasket. Join and bond while sealant is still wet (0-3 min.). If the material should skin on the surface after application, this may be broken by a slight twisting action of the metal duct or a fresh application over the first coat.

POWER EXTRUSION:

URJA FIRESTOP SEALANT may be supplied using a wide variety of power (pressure) extrusion equipment suitable for use with water base sealant. It is soft buttery gel with a typical viscosity range of 130,000 – 160,000 cps. Corrosion resistant pups and fitting are suggested.

CLEAN-UP:

Use fresh water to clean brushes and equipment before product dries. Dry products may bewith hot soapy water or strong solvent such as chlorinated solvent (non-flammable) or xylene (flammable).



URJA SEALANTS PVT. LTD.

P 230, MAYUR TRADE CENTRE, OLD PUNE-MUMBAI ROAD, CHINCHWAD, PUNE 411 019.
PH NO.: +91 20 27472234 / 32662039 / 27442234 TELEFAX: +91 20 27472234.
E-mail: urjasealant@gmail.com Web: www.urjasealantsandchemicals



**URJA
FIRSTOP SEALANT**

P 230, MAYUR TRADE CENTRE, OLD PUNE-MUMBAI ROAD,
CHINCHWAD, PUNE 411 019.
PH NO.: +91 20 27472234 / 32662039 / 27442234
TELEFAX: +91 20 27472234.
E-mail: urjasealant@gmail.com
Web: www.urjasealantsandchemicals



**DESCRIPTION:
URJA FIRESTOP
SEALANT**

is developed for sealing applications in various areas (COMMERCIAL OR GROUPED RESIDENTIAL CONSTRUCTION) and in any FIREPRONE areas.

URJA FIRESTOP SEALANT can be used in systems where dynamic movement is expected: plumbing; HVAC; bath and dryer vents; metallic pipes; non-metallic pipes, conduits and tubing; insulated pipes; electrical and electronic cabling; concrete, gypsum, metal ductwork; wood floors.

APPLICATION CONSISTENCY

Apply by brush, cartridge gun, trowel or extrusion. On Body apply a thick coat of URJA fire stop sealant. Brush excess URJA fire stop sealant over the exterior of the joint and over the heads of all metal screws after they are in place and the joints is mechanically fastened.

COVERAGE RANGE

Brush :

25-50 sq. /gal. (0.6-1.2 m/l) 0.032 in. - 0.064 in. (1.6 mm) 0.032 (0.8mm) wet film thickness.

Caulking Gun :

130 lineal ft. per 11 fluid oz.tube, 1/8 in. bead (40m/0.33 per tube, 3.2 mm bead)

SERVICE TEMPERATURE LIMITS (FSTM 70)

Temperature at coated surface) 20°F to 200°F (-7°C to 93°C)

DRYING TIME 75°F (24°C) 50% RH

Set to Touch:1 hour; Dry Through: 16 hours.

WET FLAMMABILITY (ASTM D 3828)

No flash to Boiling, over 210° F (99°C).

URJA FIRESTOP SEALANT

is a fast setting, elastomeric compound designed as a fire joint sealant for high velocity. It may be used with or without reinforcing tapes. It has a mild odor and applies cleanly without stirring. Mechanical fasteners are required for stricter rigidity.

URJA FIRESTOP SEALANT

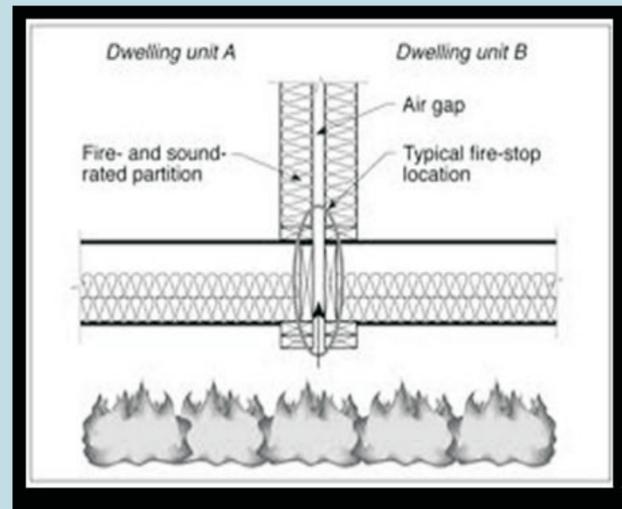
is also used to seal gaskets where flexibility is required. It can be used to adhere duct fabrics and flexible tubing run outs to high velocity ducts and to mixing boxes or air diffuser heads.

SPECIAL FEATURES:

- Zero percent VOC
- Totally Eco- friendly product.
- Specially developed for green building projects.
- Releases only water vapour.

VOLATILE ORGANIC COMPONENT (FSTM D1644)

No Volatile Organic Component is present in URJA Fire Sealant



Composition / Information on ingredients

Chemical Name or General Name: - Fire Stop Sealant.

Formula C.A.S No.:-

Ingredients	C A S No.	Percentage
Emulsion Polymer	Not Available	70% to 100%
Calcium Carbonate	471-34-1	5% to 20%

Components Contributing to Hazardous

Contains no dangerous constituents laid Down in ECE preparation directive.

First-Aid measures

Swallowed	Rinse mouth with water, give water to drink if a large quantity has been ingested, obtain medical attention
Eye	Immediately flush liberally with water.
Skin	Remove contaminated clothing, wash with soap and water
Antidotes / Dosage	Treat symptomatically.

Fire fighting measures

Fire extinguishing media	Carbon di oxide, Dry Chemical or water spray.
Special Procedures	entering drains, sewers or rivers.
Fire extinguishing media	Fire extinguishing media

Handling & Storage

Handling	No Special measure necessary.
Storage	Store in a cool place away from direct sunlight. Storage at 18°C to 23°C is recommended.

Transport Information

IMDG - Code	Non - Hazardous goods.
ICAO / IATA-DGR	Not Restricted.

ADR	Not Restricted.
RID	Not Restricted.

Physical & Chemical Properties

Physical State	Semi Solids
Appearance	Viscous Smooth - Grey
Odor	Characteristic
Boiling Range / Point	N/A
Melting Point / Freezing Point	N/A
Vapor Density	N/A
Vapor Pressure	N/A
Specific Gravity	1.4
pH	Neutral
Solubility in water @ 30°C	Soluble when wet

Stability & Reactivity

Thermal Decomposition	None if used according to instructions.
Hazardous product of decomposition	None if used according to instructions.
Hazardous reaction	None if used according to instructions.

LIMITATIONS

Store and apply between 40° F (4°C) and 100° F (38°C). Protect from freezing. Always test foil and paper facing for acceptable adhesion. If used between two impermeable surfaces, drying time will be extended. To resist rain wash-off, allow at least 12 to 15 hours drying time above 40° F (4°C), with a relative humidity of 50%. Higher humidity or lower temperatures may retard drying. Outdoor horizontal surfaces must always drain completely. A pitch of list 1/4 inch per foot (2 cm/m) is required.

