

**UNITECH**Isam Kabbani Group of Companies  
www.unitech-ikk.com | www.unipro-ikk.com**SEALANTS, ADHESIVES & CHEMICALS**

## FIRE-STOPPING SYSTEMS

**STI**

### LCI INTUMESCENT FIRESTOP SEALANT

LCI Intumescent Sealant is a product designed to seal a wide range of through-penetrants against the spread of fire, smoke, toxic gasses and water. This sealant is designed to adhere to virtually all construction surfaces and penetrant materials. It may be applied using standard caulking equipment or by troweling. It has excellent caulking properties on vertical or overhead surfaces. It will not separate or shrink when dried. It contains no solvents.

#### PHYSICAL PROPERTIES

Highly intumescent – up to 10x

- Water based – for easy installation and cleanup
- Water resistant
- Auto bonding – allows fresh sealant to adhere to cured sealant
- Endothermic properties
- Non-halogenated, no solvents, no asbestos, no PCBs, low VOC content
- No shrinkage when dried
- Sound Insulation (STC 62)
- Color – red



| REF    | VOLUME | TYPE    | QUANTITY | WEIGHT (KG) |
|--------|--------|---------|----------|-------------|
| LCI300 | 300 ml | Tube    | 12       | 0.50        |
| LCI320 | 592 ml | Sausage | 12       | 0.90        |
| LCI305 | 19.0 L | Pail    | 1        | 27.3        |

### SSS INTUMESCENT FIRESTOP SEALANT

SSS Intumescent Sealant is a product designed to seal a wide range of through-penetrants against the spread of fire, smoke, toxic gasses and water. It is a two stage intumescent technology product, which expands aggressively to quickly close off voids left by the burning or melting of combustible materials.

This sealant is designed to adhere to virtually all construction surfaces and penetrant materials. It may be applied using standard caulking equipment or by troweling. It has excellent caulking properties on vertical or overhead surfaces. It will not separate or shrink when dried. It contains no solvents.

#### PHYSICAL PROPERTIES

- Two stage intumescent – extremely fast and directionalized expansion
- Water Based – for easy installation and cleanup
- Water resistant
- Auto bonding – allows fresh sealant to adhere to cured sealant
- Endothermic properties
- Non-halogenated, no solvents, no asbestos, no PCBs, low VOC content
- High solids formula – no shrinkage when dried
- Sound Insulation (STC 62)
- Color – red



| REF    | VOLUME | TYPE    | QUANTITY | WEIGHT (KG) |
|--------|--------|---------|----------|-------------|
| SSS100 | 300 ml | Tube    | 12       | 0.50        |
| SSS120 | 592 ml | Sausage | 12       | 0.90        |
| SSS102 | 7.6 L  | Pail    | 1        | 11.4        |
| SSS105 | 19.0 L | Pail    | 1        | 27.3        |



## ES ELASTOMERIC FIRESTOP SEALANT

ES Elastomeric Sealant is a non-halogenated latex-based, highly elastomeric caulk designed to provide passive smoke and fire protection in construction joints. It is engineered to restore sound attenuation properties to sound-rated ceilings and partitions. This sealant is designed to adhere to virtually all construction surfaces and may be applied using standard caulking equipment or by troweling. Its premium latex binder system is totally resistant to water and will not re-emulsify after drying.

### PHYSICAL PROPERTIES

- Water based – for easy installation and cleanup
- Water resistant
- Paintable
- Non-halogenated, no solvents, no asbestos, low VOC content
- Auto bonding – allows fresh sealant to adhere to cured sealant
- Thixotropic – for high-build application
- High movement capabilities (25%)
- Sound insulation (STC 62) – tested as acoustical sealant



| REF    | VOLUME | TYPE    | QUANTITY | Color      | WEIGHT (KG) |
|--------|--------|---------|----------|------------|-------------|
| ES100  | 300 ml | Tube    | 12       | Light Blue | 0.50        |
| ES100R | 300 ml | Tube    | 12       | Red        | 0.50        |
| ES120  | 592 ml | Sausage | 12       | Light Blue | 0.90        |
| ES120R | 592 ml | Sausage | 12       | Red        | 0.90        |
| ES105  | 19.0 L | Pail    | 1        | Light Blue | 28.2        |
| ES105R | 19.0 L | Pail    | 1        | Red        | 28.2        |

## CS FIRESTOP CABLE SPRAY

Cable Spray is an intumescent, latex-based spray applied coating designed to protect grouped electrical cables against the propagation of fire. This material will limit flame spread and provide short-term circuit integrity during a fire situation. It is engineered to adhere well to virtually all cable jacketing materials and may be applied using airless spray equipment or with a brush. Its premium latex binder system is totally resistant to water and will not re-emulsify after drying.

### PHYSICAL PROPERTIES

- Intumescent – expands with heat
- Water based – for easy installation and cleanup
- Water and weather resistant
- Non-halogenated, no solvents, no asbestos, low VOC content
- Auto bonding – allows fresh sealant to adhere to cured sealant
- Thixotropic – for high-build application
- Flexible
- High solids formula
- Low abrasion – for longer pump life and less maintenance
- Color – white



| REF   | VOLUME | TYPE | QUANTITY | WEIGHT (KG) |
|-------|--------|------|----------|-------------|
| CS105 | 19.0 L | Pail | 1        | 25.00       |

## AS ELASTOMERIC FIRESTOP SPRAY

AS Elastomeric Spray is a non-halogenated, latex based, highly elastomeric spray coating designed to provide passive smoke and fire protection in construction joints, curtain wall gaps and certain penetrations. This spray is designed to adhere to virtually all construction surfaces and may be applied using airless spray equipment or with a brush. Its premium latex binder system is totally resistant to water and will not re-emulsify after drying.

### PHYSICAL PROPERTIES

- Water based – for easy installation and cleanup
- Water resistant
- Paintable
- Non-halogenated, no solvents, no asbestos, low VOC content
- Auto bonding – allows fresh spray to adhere to cured spray
- Low abrasion – for longer pump life and less maintenance
- Thixotropic – for high-build application
- High movement capabilities (25%)
- Sound insulation (STC 61)
- Tested with spray applied fire resistive materials (SFRM)
- Color – light blue or red



| REF    | VOLUME | TYPE | QUANTITY | Color      | WEIGHT (KG) |
|--------|--------|------|----------|------------|-------------|
| AS205  | 19.0 L | Pail | 1        | Light Blue | 22.7        |
| AS205R | 19.0 L | Pail | 1        | Red        | 22.7        |

## SIL SILICONE FIRESTOP SEALANT

SIL Silicone Sealant is a one-part neutral curing silicone sealant designed to provide passive smoke and fire protection in construction joints and through-penetration applications. This sealant is designed to adhere to virtually all construction surfaces and may be applied using standard caulking equipment or by troweling. It reacts with atmospheric moisture to form a tough durable seal. This material can also insulate openings to prevent damage from occasional water spillage and dust penetration in sensitive areas.

### PHYSICAL PROPERTIES

- Water resistant – for water-tight sealing
- Auto bonding – allows fresh sealant to adhere to cured sealant
- Ozone and UV Resistant – for outside applications
- Excellent chemical resistance
- Excellent smoke seal
- High movement capabilities (50%)
- Sound insulation (STC 61)
- Low VOC
- Color – concrete



| REF      | VOLUME | TYPE    | QUANTITY | WEIGHT (KG) |
|----------|--------|---------|----------|-------------|
| SIL300   | 300 ml | Tube    | 24       | 0.5         |
| SIL320   | 592 ml | Sausage | 12       | 0.92        |
| SIL305   | 17.0 L | Pail    | 1        | 24.7        |
| SIL320SL | 592 ml | Sausage | 12       | 0.92        |
| SIL305SL | 17.0 L | Pail    | 1        | 24.7        |

## LC ENDOTHERMIC FIRESTOP SEALANT

LC Endothermic Sealant is a latex-based, high solids firestop compound. This material will seal non-combustible through-penetrants and joints against the spread of fire, smoke, toxic gasses and water.

It is engineered to adhere to virtually all construction surfaces and may be applied using a standard caulk gun or by troweling. Its premium latex binder system is totally resistant to water and will not re-emulsify after drying.

### PHYSICAL PROPERTIES

- Water based – for easy installation and cleanup
- Water resistant
- Endothermic fillers – absorbs heat and release water
- Non-halogenated, no solvents, no asbestos, low VOC content
- Auto bonding – allows fresh sealant to adhere to cured sealant
- High solids formula – no shrinkage
- Thixotropic – for high-build application
- Flexible
- Sound insulation (STC 61)
- Color – red



| REF   | VOLUME | TYPE    | QUANTITY | WEIGHT (KG) |
|-------|--------|---------|----------|-------------|
| LC150 | 300 ml | Tube    | 12       | 0.43        |
| LC120 | 592 ml | Sausage | 12       | 0.87        |
| LC155 | 19.0 L | Pail    | 1        | 26.3        |

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