



<b>Product description</b>	FIRE-KORESEAL QS119F is a Two-component Silicone RTV FOAM with outstanding resistance of Fire stop (Fire Seal). FIRE-KORESEAL QS119F is a CERTIFICATES OF ASTM E 84.
<b>Applications</b>	* fire-stopping and Joint Sealing to building. * water-proofing and fire-stopping of electric facilities. * Joint Sealing to Drywall , Cable tray
<b>Key performance properties</b>	* Excellent fire stopping * Excellent weathering resistance. * Good elasticity and sealing performance
<b>Certifications</b>	ASTM E84

### Typical Property Data

<b>Benefits</b>	– Excellent fire stopping – Solvent free		
<b>Typical properties</b>	(Tested at 23 °C , 50 % relative humidity)		
	<b>Properties</b>	<b>Part A</b>	<b>Part B</b>
<b>Curing Properties</b>	Appearance	Black	White
	Specific gravity (25°C)	1.1±0.1	1.1±0.1
	Viscosity	8 Pa.s	8 Pa.s
<b>Cured Properties</b>	Appearance	Soft Foam with Black color	
	Pot life (23 °C)	1~3 min	
	Density	0.2 ~ 0.4 (g/cm <sup>3</sup> ) (ASTM D 3575)	
	Expansion rate	Approx. 250 %	
	CELL Structure	Closed cell	
	Fire resistance	Excellent	
	* ASTM: American Society for Testing and Materials Notice 1) These property values are tested in a lab condition. They might be changed by testing and storage conditions. 2) Please contact to KCC sales office before writing specifications on this product.		
<b>Composition</b>	– Silicone polymer		
<b>How to use</b>	<b>1) Mixing Ratio &amp; Pot life</b> KCC QS119F Silicon foam should be mixed in a ratio of 1 : 1 PTA to PTB by weight for optimal properties. At this mixing ratio, typically pot life is 1~3 min (at 23°C , 50%RH)		
	<b>2) APPLYING SEALANT</b> After mixing of PTA, PTB, working time should be finished before pot life (1~3 min). QS119F should be applied according to its expansion rate into a joint. Applying sealant deeply into the parts of joint for sealant. Sealant must be filled into the joint cavity perfectly.		

### 3) INSPECTION

Inspection should be done after sealant is cured. If any voids are there, they should be filled with QS119F.

### 4) CLEANING

Clean all stuffs around sealant cure area and do not touch when sealant is curing.

**Features** -2 Component -Fire-stop

## Storage and packaging

**Shelf life and storage**

- Use it within 6 months from the day of manufacture. As change in quality can be possible at long term storage use in validity.
- Store in a cool dry place out of direct sunlight.
- Keep in place that child's hand does not touch and never ingest or do not touch in skin.
- Store in original unopened containers in a dry place. Temperatures should not exceed 25°C for prolonged periods.(Recommended at 5~25°C)
- Please, refer product MSDS for more details regarding safety information.

**Packaging** 19 L PE CAN, 20kg

## Remarks

### Handling

1) As change in quality can be at long term storage, use in validity.

### Precautions

- 2) Maintain adequate ventilation in the work place at all times.
  - 3) Keep in place that child's hand does not touch and never ingest or do not touch in skin.
  - 4) Keep or do work out of heat or fire.
  - 5) Do not use except for intended purpose.
  - 6) Do not inflict shock in receptacle.
  - 7) Avoid direct ray of light and keep in state that is tightly shut in place that moisture is less.
  - 8) Wear eye protection and protective gloves when handling this product.
  - 9) Do not mixing with other products.
  - 10) Wash cleanly after work.
  - 11) Dispose of contents and container in accordance with all applicable regulations.
- ※ Inquire other questions to customer service.
- ※ When there is something wrong to product, it compensated by compensation regulation

### Limitation

QS119F should not be applied :

- 1) To building materials of adhesive hindrance or discoloration that bleed oil, plasticizer or solvent and so on.
- 2) In totally confined spaces.
- 3) When substrate surface temperatures exceed 50 °C or under 5 °C.
- 4) To wet surface (on frost-laden or damp surfaces).
- 5) Humid day(over 85% relative humidity day).
- 6) For continuous immersion in water or in below-grade applications.

- 7) Surface in direct contact with food.
- 8) For continuous high pressure and high temperature.
- 9) Please, check the required properties and class of certification
- 10) Joint region that where is expected by physical friction.
- 11) Region that paint is required to sealant.
- 12) Not recommended for use on polycarbonate plastic sheeting, self-cleaning glass, non-staining fluorine coating suitability for use on other type of plastic should be tested prior to application.
- 13) Do not use with incompatibility materials.
- 14) Do not use for Structural glazing application.

<p><b>Warranty information</b></p>	<p>Please read carefully.</p> <p>The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KCC's products are safe, effective, and fully satisfactory for the intended end use. KCC's sole warranty is that the product will meet the KCC sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to replacement of any product shown to be other than as warranted. KCC specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KCC provides you with a specific, duly signed endorsement of fitness for use, KCC disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.</p>
<p><b>1'st issue</b></p>	<p>2010-10-12</p>
<p><b>Revision</b></p>	<p>2020-01-23</p>

※ Please refer to MSDS if you want to know more specific usage or caution. for further information, please see our website, [www.kccworld.co.kr](http://www.kccworld.co.kr)

