

Technical Data

➤ Product Description

Nelson Firestop Sealant (CLK™) is a family of one part silicone flexible sealants, used to protect from the spread of fire, smoke, gases and water. It is designed for applications of through stop penetrations and in construction joints. It is offered in two forms, a non-sag caulk which can be troweled and a self-leveling grade suited for floor applications.

➤ Application

CLK™ sealant is ideal for simple penetrations such as around metallic pipes or conduits and for floor to wall, floor-to-floor and head of wall applications. Maintains the integrity of fire-rated construction. The sealant is flexible and designed for use in fire-rated control and isolation joints where joint expansion and contraction or vibration can occur.

➤ Availability

AA529 –Non/Sag – 10.3 oz Tube 18.5 in³ (304ml) 12/Ctn
 AA596 –Non/Sag – 30 oz Tube 54 in³ (883ml) 10/Ctn
 AA542 - Non/Sag - 2 Gallon Pail 462 in³ (7.6L)
 AA492 - Non/Sag - 5 Gallon Pail 1155 in³ (19.0L)
 AA539 -Self Leveling -10.3 oz Tube 18.5 in³ (304ml) 12/Ctn
 AA552 - Self Leveling - 5 Gallon Pail 1155 in³ (19.0L)

➤ Approvals

Underwriters Laboratories Inc. Fill, Void or Cavity Material (XHHW) ULC, FM, USN and United States Coast Guard

- 164.138/3/0
- 164.138/2/0

ABS

- 02-HS261620B-1-PDA

City of New York, New York, Department of Buildings

- MEA 135-00-M
- MEA 236-87-M Vol. 2

➤ Features

- Up to 4 Hour rating
- Elastomeric (Flexible Cure)
- Silicone Based
- Water Resistant
- Acoustically Tested – Reduces noise transmission

➤ Physical Properties

- Color.....Brick Red
- Weight.....10.75 lbs./ gal.
- Consistency.....Thixotropic
- Application Temp...40°F (4°C) to 90°F (32°C)
- Service Temp.....0°F (-18°C) to 110°F (43°C)
- Cure Time.....Less than 2 weeks for 1/2" thickness
- Hazardous Ingredients.....None
- STC Rating.....52

➤ Test Compliance

- ASTM E 84 Non-Sag
 - Flame spread.....5
 - Smoke developed.....40
- Self-Leveling
 - Flame spread.....5
 - Smoke developed.....35
- ASTM E90 Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
- ASTM E814 and UL1479 Test method for through stop fire penetrations.
- ASTM E1966 and UL2079 Test method for fire resistance of building joint systems.

➤ Testing Data

For specific test criteria, refer to the UL Fire Resistance Directory.

➤ Storage & Handling

Nelson CLK™ should be stored at temperatures between 40°F (4°C) and 90°F (32°C). Protect from freezing. Expected shelf life is one year from date of shipment.

➤ Related References

Underwriters Laboratories Inc. "Fire Resistance Directory". Application details are available in AutoCAD® format on request.