

FLEXIBLE FIRESTOP SEALANT CP 606

Product description

- An acrylic based firestop sealant that provides movement capability in fire rated joints and seals through-penetrations applications

Product features

- Silicone free
- Halogen, asbestos and solvent free
- Paintable
- Tested up to 33% movement with 500 cycles in accordance to UL 2079 and ASTM 1966
- Smoke and fume resistant
- Easy clean up with water
- Single component systems available
- Meets LEED™ requirements for indoor environmental quality credit
- 4.1 Low Emitting Materials, Sealants and Adhesives and 4.2 Paints and Coatings

Areas of application

- Sealing construction/expansion joints
- Top-of-wall joints
- Metal pipes
- Cable bundles
- HVAC penetrations

For use with

- Various base materials such as masonry, concrete, gypsum, etc.
- Wall and floor assemblies rated up to 3 hours
- Not for use with CPVC

Examples

- Where a gypsum wall assembly meets the underside of a metal or concrete deck
- Sealing expansion joints to impede the passage of fire, smoke and toxic fumes
- Sealing around HVAC penetrations through fire-rated assemblies

Installation instructions

- See Hilti literature or third-party listings for complete application and installation details

Technical data*

Chemical basis	Water-based acrylic dispersion
Color	Available in red, white and gray
Density	99.9 lb/ft ³
Application temperature	35°F to 104°F (1.5°C to 40°C)
Storage temperature	35°F to 95°F (1.5°C to 35°C)
Temperature resistance	-22°F to 176°F (-30°C to 80°C)
Shelf life	24 months
Tack free time	23mins (ventilated at 77°F, 80% rel. humidity)
Skin-forming time	Approx. 15 min
Curing time	Approx. 3 mm / 3 days
Average volume shrinkage (ASTM C1241)	22%
Movement capability	Up to 33%
Mold & mildew	Class 0 (ASTM G21-96)
Electrical resistance	Yes
LEED Compliant	Yes (CDPH v1.2-2017)
LEED VOC	49 g/L
Intumescent	No
Seismic resistant	Yes
Water tightness	Yes
Temperature resistance	-22°F to 176°F (-30°C to 80°C)
Surface burning characteristics (ASTM E 84-96)	Flame Spread: 10 Smoke Development: 0
Surface burning characteristics (CAN/ULC-S102)	Flame Spread: 14 Smoke Developed: 4
California State Fire Marshall Approvals	Yes (pens & joints)
City of New York approval	Yes (CP606 MEA 100-99-MV6)
Air leakage (UL 2079 L-Rating)	L-Rating at Ambient = Less than 1 CFM / Lin Ft. L-Rating at 400°F = Less than 1 CFM / Lin Ft.
Sound transmission classification (ASTM E 90-99)	68 (Relates to specific construction)
Tested in accordance with	UL 2079, ASTM E 814, ASTM E 1966, ASTM E 2837, UL 1479, ASTM C920, ASTM C1241, CAN/ULC-S115

*At 73°F (23°C) and 50% relative humidity

