

SMOKE AND ACOUSTIC SEALANT CP 506

Applications

- Sealing construction joints and through-penetration openings in non fire-rated acoustical assemblies and smoke partitions (not for use in fire-rated applications)

Advantages

- Easy to dispense, apply, and tool
- Excellent airborne sound insulation properties
- Low shrinkage after curing
- Easy cleaning with water
- Paintable

Not for use

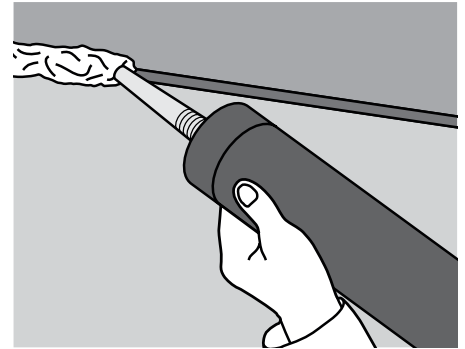
- In areas immersed in water
- On CPVC pipe
- On oil-based coatings (e.g., bituminous)

Tested/evaluated in accordance with

- ASTM E 90
- ASTM C 834
- ASTM E 84
- ASTM C 919
- ASTM G 21
- CAN/ULC-S102

Installation instructions

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



Restricts smoke migration



Excellent sound insulation characteristics with application based testing in accordance with ASTM E 90.

Technical Data

Color	white
Chemical basis	acrylic
Storage and transport temperature range	40°F to 77°F (5°C to 25°C)
Curing time (73°F/50% relative humidity)	approx. 3 mm/3 days
Skin-forming time (73°F / 50% relative humidity)	approx. 15 min
Application temperature range	35°F to 104°F (1.5°C to 40°C)
Shelf life	24 months from date of manufacture
Sound transmission classification (ASTM E 90)	STC 63 (per tested construction type)
Movement capability (ISO 11600)	approx. 12.5%
Mold and mildew (ASTM G 21)	mold resistant
Surface burning characteristics (ASTM E 84-08)	Flame spread: 10 Smoke development: 10
Surface burning characteristics (CAN/ ULC-S102)	Flame spread: 15 Smoke development: 5
Air leakage (Modified 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.

