

COMETO FIRE-RATED FAQ

What is the purpose of a fire-rated downlight?

In the event of a fire, the ceiling cutout holes act as a gateway that allows fire to spread through. When the fire starts spreading through the hole, it has direct access to the adjoining structure, usually made from wooden ceiling joists.

When installed, Cometo Fire-rated seals off the hole and slows down the spread of fire. **It is designed and used to maintain the fire integrity of the ceiling.**

What makes Cometo fire-rated?

When the fire reaches a certain temperature, the lens and the components inside of the downlight will melt and drop from the ceiling. However, the housing of the downlight will remain in place inside the ceiling cutting hole and block the spread of fire, thanks to the fire-resistant material of the housing and spring clips.

There is also an intumescent pad at the back of the lens, located above the 5 CCT switch, that swells with the heat. It ensures that the cutting hole is covered completely by the housing.

In which applications should Cometo Fire-rated be installed?

The National Building Code of Canada has established clear guidelines and requirements that include all lighting fixtures for specific buildings that are multi-story and using wood (ex: condos, apartment building, multi-story family homes, care facilities, etc.). There are some variances in standards from provinces to provinces



What are the different standards and certifications for Cometo Fire-rated?

- 2-hour fire rating (UL L505 floor/ceiling assembly, 2 layers of gypsum). It is the most difficult assembly testing to pass but the easiest and most popular installation of gypsum
- Tested to comply with UL 263, ASTM E119 & CAN ULC S101 codes
- Our product label mentions all the certifications above:

Will Cometo Fire-rated appear on Intertek approval site?

No, and it is not necessary to be fire-rated certified. The SGS report that we have and that is available is equally recognized and contains the same information (certifications, ratings, etc.).

Does Cometo Fire-rated have any installation particularity?

No. You can install Cometo Fire-rated the same way you would install our LPDL. There is no need for an extra steel box or dome. Also, no caulk or gasket is required to be fire-rated.

Is the smoke protection compliance also required to be certified fire-rated?

No, smoke protection is needed to meet different standards and requirements of the Building Code. To be smoke-certified, various tests must be carried out, and you need to obtain another certification.