



NUVIATech Protection, a brand of NUVIA Group, offers products for sealing penetrations and inter-building joints for fire protection, but also to meet air/water sealing needs and any other requirements from industrial sensitive sites.

Context

The wall penetrations can be traversed by various elements such as electrical cables, pipes or ventilation ducts.

These penetrations must be sealed with materials to maintain fire resistance, watertightness and any other protection required for the operation and safety of the industrial site.

The fire areas are also limited by the expansion joints which can constitute weak points.

These joints, in addition to an expansion function, must also be caulked with materials that maintain the fire resistance rating, watertightness and any other protection required by the operation and safety of the industrial site.

Issues

Penetration seals can be simple, using material (such as rock wool panels or mortar) or complex, using a combination of different materials.

In order to be certified, products/solutions must undergo a multitude of tests, often destructive (fire resistance), unitary or cumulative, in order to meet the different workload.

The implementation of products/solutions is a key aspect for NUVIATech Protection, because it is the key to success in the realization of a construction or renovation project. This aspect of constructability is therefore considered from the design phase to ensure installation in a complex environment that complies with certifications.

NUVIATech Protection pays particular attention to the environment and its carbon footprint when developing its products.

Applicable standards and norms

The fire resistance ratings of our caulks and gaskets are based on European EN (1366-3/4) EN (1366-3/4) and American (UL, ASTM).

Our products/solutions also meet the specific requirements of our customers (EDF, ITER, CEA, NAVAL GROUP) not only in terms of fire, but also in terms of watertightness, displacement and any other requirements from sensitive industrial sites.

Areas of activity



INDUSTRY



NUCLEAR



BUILDING



NAVAL / MARINE



DEFENCE