NUVIATECH PROTECTION

FIELD TREATMENT OF JOINTSF AND DUCTS
APPLICATION OF ELECTRICAL AND MECHANICAL DUCTS

PRODUCT SHEET

NuPLUG 2140 Feedthrough sealant system

NuPLUG 2140 is a silicone foam used as a radiological and fire barrier for sealing penetrations, mainly in nuclear power plants or other nuclear sites.

This radiological silicone foam can be used to seal electrical, mechanical or non-through-hole penetrations, in walls and slabs with a medium level of saturation rate. This silicone foam meets a variety of requirements, such as fire protection or gamma radiation attenuation. It can be completed with a waterproof or airtight seal with an additional coating.

Key benefits

- Easy to use and fast setting time
- Flexible product
- Easy to patch throughs without changing the existing caulking
- Economical and ecological: re-usable off-cuts.

Performance

- Fire protection: up to 3h according to the configuraiton
- Gamma radiation attenuation concrete equivalent
- Water pressure resistant up to 0,42 bar

References

- EDF nuclear plants
- Chinese nuclear plants
- EPR TaishanPR Taishan

Technical Data

- Qualification according to EN 1366-3
- EDF specification
- Expansion x1,25, allowing a density of 2,5

Options

- Tightness and decontamination requirement with an additional coating of (NuCOAT 3110I or NuCOAT 7110I)

Application

- Application with a manual or pneumatic gun for small volumes or with a two-component compressed air pump, recommended for larger volumes.