

NuJOINT 3120 Joint sealing system



NuJOINT 3120 is a complex of mineral wool, refractory adhesive and silicone elastomer used as a fire and waterproof barrier in the sealing of inter-building joints, mainly in nuclear plants or other nuclear sites, or any other industrial site.

Key benefits

- Caulk joints up to 600mm wide.
- Allows large joint movements, even during fire with or without a joint cover
- Quick and easy to install, adapts to the shape in which it is applied.
- Can be applied to a concrete support structure
- Protects Waterstop in case of fire
- Economical and ecological: reusable scraps

Performances

- Elongation of fire up to 25%.
- Elongation resistance up to 100%
- Resistant up to 3 bars, without additional coating
- Fire resistance: up to 4h according to configuration
- Watertightness: from: 12mCE to 30mCE (3 bars) according on the width of the joint

Technical Data

- Qualification following the standard EN1366-4
- Specification EDF EDTGC080337

Implementation

- Manual application of the formwork base or bottom of the fireproof joint
- Application of the elastomer with a manual or pneumatic gun (small volumes), or with a two-component compressed air pump (large volumes) (volumes importants)

References

- EPR Flamanville 3
- EDF nuclear plants
- EPR Taishan