



# StructPART 01

Protection of metal structures



## Key benefits

- Guarantees the mechanical performance of protected structure under fire
- Waterproofing against water spraying
- Anti-propagation of a fire
- Flexible protection
- Adapts to the environment, compression possible and quick to install
- Repairable
- Lightweight compared to a similar rigid system
- Suitable for beams, columns & sectioned materials

## Physical Characteristics

- The system consists of 4 elements: a layer of Mineral wool glued with a refractory adhesive. A layer of NuCOAT 7110 fabric is glued on top with NuCOAT 3310 to protect the wool
- Weight per unit area: 12Kg/m<sup>2</sup> in 1 layer
- Thickness: 38 mm in 1 layer

## Technical Data

- Tested and approved according to EN13381-4 for fire protection from 90 to 240 minutes according to 'ETA 14-0451
- Resistant to water and aggressive liquids according to EN ISO 2812
- watertight, airtight and washable
- Approved for conditions up to type X (All conditions)
- Standard temperature +5 à +50°C

## Application

- The StructPART system consists of several components and can be installed manually

## References

- CEA / CEA DAM
- Orano

The StructPART system is a flexible protection, waterproof and airtight, adaptable to all profiles. It is used as a fire protection on a metal structure in order to guarantee its mechanical properties during a fire