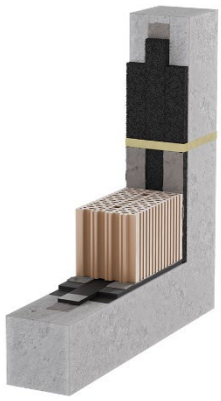
TECHNICAL DATA

REGUPOL INODIS

Product

Decoupling for seismic resistant masonry Infills in reinforced concrete structures. Meets the seismic code demands for interstory drift (e.g. Eurocode 8, ACI 318, IBC etc.)



Assembly

- **REGUPOL INODIS horizontal**
- **REGUPOL INODIS vertical**

Dimensions

The width of the decoupling Elements will be adapted to the brick size.
Length of horizontal module: 1.250 mm
Length of vertical module: 1.000 mm

Certification

Cradle to Cradle Certified® is a registered trademark of the Cradle to Cradle Products Innovation Institute.

Fire behaviour	Standard	Result
Fire classification	DIN EN 13501-1	E*

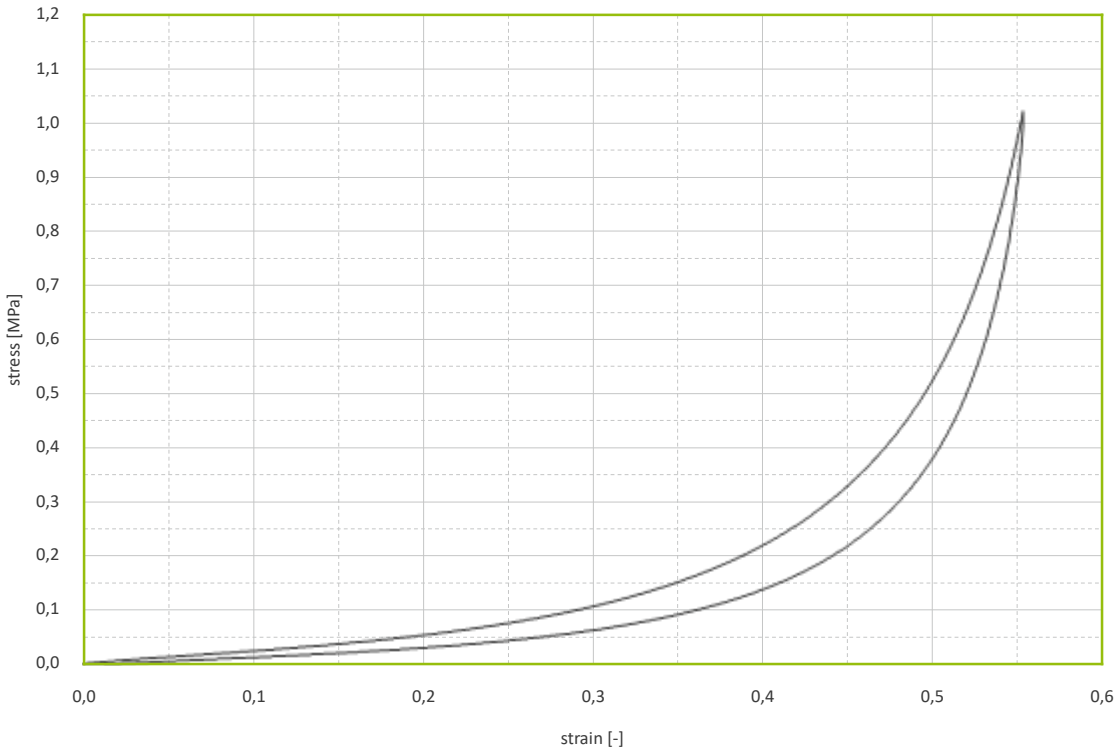
*The fire classification only refers to the elastomers and fire protection can be solved constructively.

Health protection	Standard	Result
VOC	DIN EN 16516	compliant with EU-LCI list and German AgBB scheme; “A+” as per décret n°2011-321

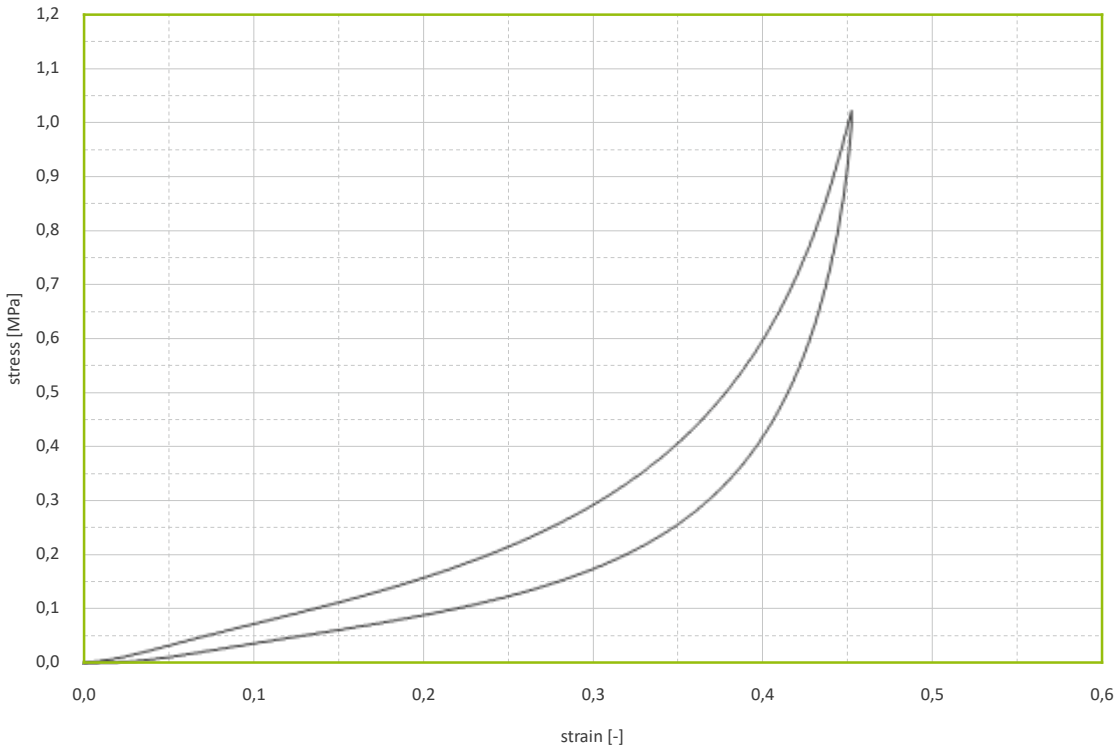
Design specifications

The in-plane design of the system is simply carried out by calculating the required thickness of **REGUPOL INODIS vertical**, based on the maximum interstory drift taken from the standard building calculation. The verification for the out-of-plane actions is straightforward, as **REGUPOL INODIS horizontal** provides a stable arching effect. **REGUPOL INODIS horizontal** provides sliding at top and bottom with integrated sliding profiles and provides stable boundary conditions for out-of-plane actions. The **REGUPOL INODIS** system is designed and installed in the same way for infill panels with and without openings and the design is carried out for the whole building or individual storeys using tabular values for the decisive panels, minimizing the structural engineer's workload.
For more detailed information please refer to the design guide and the following stress strain curves.

REGUPOL INODIS vertical plus (available in 25 mm and 50 mm thickness)



REGUPOL INODIS vertical basic (available in 30 mm thickness)



Exclusion of Liability

Technical services and offers based on these are subject to our General Terms and Conditions of sale, copy of which can be found on our website www.regupol.com. Special attention should be paid to paragraphs 4 and 5. In so far, please be advised as follows:

Our expertise is the development and manufacturing of products. With our recommendation we can only assist you in selecting a product that is suitable for your demand. However, we cannot act as your architect or consulting expert. This would only be possible subject to a separately concluded service contract that we would have to bill you for. Such contracts are not part of our scope of supply and services. Hence, our recommendation does not lay claim for its correctness. Guarantees do only apply to the technical properties of the material supplied. Comment on tolerances: All technical values correspond to our current state of knowledge and are to be understood as reference values only. These values can be subject to considerable variabilities due to production and/or material reasons as well as due to outside influences (temperature, humidity etc.). Thus special agreements on material parameters might be necessary on a case-by-case basis.