

TECHNICAL DATA

REGUPOL INODIS



Product

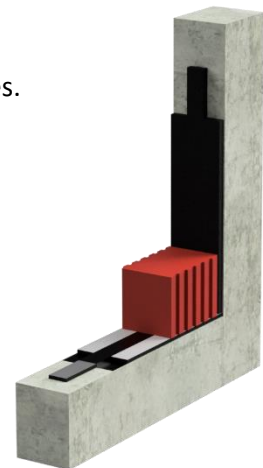
Decoupling for seismic resistant masonry Infills in reinforced concrete structures.
Meets the seismic codes (e.g. Eurocode 8, ACI 318, IBC etc.)

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 |

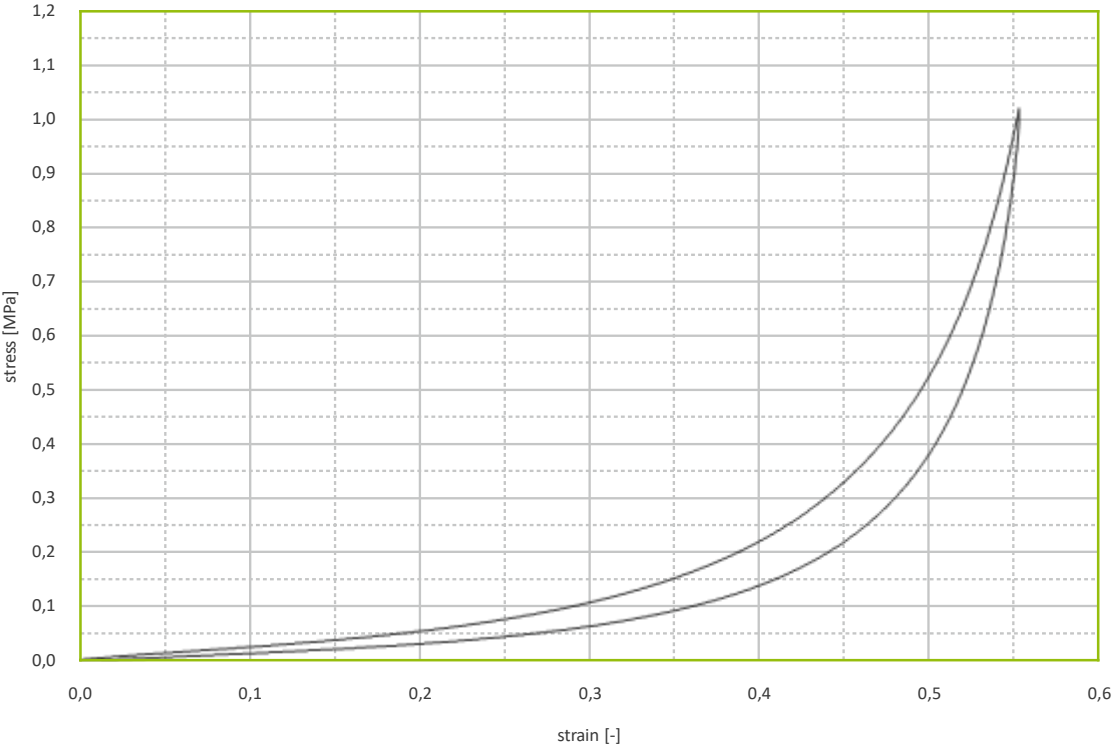
Design specifications

REGUPOL INODIS can absorb up to 3.8 % drift.

The in-plane design of the system is simply carried out by calculating the required thickness of **REGUPOL INODIS vertical**, based on the maximum interstorey 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. 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)

