

ISOshade® – the façade unit with sunblind in the cavity

Summer thermal insulation is essential for a feel-good atmosphere and comfort indoors. With ISOshade®, solar energy can be conveniently regulated via the façade. The solar protection façade from seele is optimally developed for office buildings, retail and lobby façades as well as private houses. In its design variety, ISOshade® can be realised as a mullion-transom, SG and element façade.

Designed like insulating glass, ISOshade® meets all the requirements for an economical double façade with integrated solar shading without a complex structure. ISOshade® combines solar, thermal and sound insulation in a compact design. The slim element consists of a triple insulating glass and an integrated solar shading in the cavity either an external venetian blind or a vertical awning.

ISOshade® takes over tasks and actively controls heat and cold by connecting the façade with the building management system. The sunblind in the cavity reacts actively to weather data in a predictive manner. From sensor technology in the cavity to building automation up to a self-learning system, the smart façade is a significant enabler in the “net zero” approach for buildings.

References

- Meteorological Institute, Leipzig
- Museum St. Afra, Augsburg
- Competence Center, Darmstadt
- University building, Chemnitz
- IWIS Headquarters, Munich

You can find further references at www.seele.com



Simple and smart

