



Haute école d'ingénierie et d'architecture Fribourg
Hochschule für Technik und Architektur Freiburg

iTEC

Institute of Construction and
Environmental Technology

Project AGP: **127772**

FIRIKA 2.0
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Design report

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5. Conclusion

This report presents the rules that may be used for the design of the thermal break elements FIRIKA 2.0 developed by Fischer-Rista AG.

The rules are formulated as a function of the geometrical and material properties of the system and the slab.

Fribourg, 31.5.2024

Eng. Baptiste Vincens

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6. References

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- [3] Muttoni A, Fernández Ruiz M. Shear strength of members without transverse reinforcement as function of critical shear crack width. ACI Struct J. 2008;105(2):163–172.
- [4] SIA 262, Concrete Structures, 2013