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European Technical Assessment

ETA-18/0264
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General part

Technical Assessment Body issuing the European Technical Assessment

Österreichisches Institut für Bautechnik (OIB)
 Austrian Institute of Construction Engineering

Trade name of the construction product

Elascon SFix HBV-System

Product family to which the construction product belongs

Wood-concrete composite slab kit with dowel-type fasteners

Manufacturer

Elascon GmbH
 Am Rosengarten 4F
 79183 Waldkirch
 Germany

Manufacturing plants

Manufacturing plants 1 and 2

This European Technical Assessment contains

25 pages including 4 Annexes which form an integral part of this assessment.

This European Technical Assessment is issued in accordance with Regulation (EU) No 305/2011, on the basis of

European Assessment Document
 EAD 130090-00-0303 "Wood-concrete composite slab kit with dowel-type fasteners"

Remarks

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Specific parts

1 Technical description of the product

1.1 Description of the product

This European Technical Assessment (ETA) applies to the wood-concrete composite slab kit with dowel-type fasteners "Elascon SFix HBV-System". Elascon SFix HBV-System is composed of base materials equipped with dowel-type fasteners for the shear resistant connection between base materials and concrete material. In addition, a permanent moulding may be added on site.

The following components are used:

Base materials and part of the kit

- Steel plates according to EN 10025-2, S235JR

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Fixed floor or ceiling covering as well as possible sound reducing courses are not part of the kit.

The principle structure of the wood-concrete composite slab kit is shown in Annex 1, Figure 1 to Figure 3, and the dowel-type fasteners for shear resistant connection between base materials and the concrete material are shown in Annex 2.

¹ Referenced documents are listed in Annex 3.