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Agrément Certificate
21/5872
Product Sheet 99

SUPPLEMENT TO SIKAFIBER-1050 B&BA HF

The following BBA-approved beam and block floor systems are compatible for use within the scope of Product Sheet 1 of the SikaFiber-1050 B&BA HF Certificate, for single-family dwellings (for suspended ground floors) only:

SikaFiber-1050 B&BA HF – Table 1

BBA Certificate number/Product Sheet (PS)	Certificate title	Company name	Minimum depth of concrete topping above the services
88/2059 PS3	Jetfloor Floor System	Forterra Building Products Ltd	70 mm
07/4411 PS1	Beamshield Plus and Platinum Beamshield Plus	Springvale EPS Ltd	75 mm
07/4411 PS2	Springvale Beamshield Top Sheet Systems	Springvale EPS Ltd	65 to 75mm
06/4369 PS1	TDeck EPS Panel System	Combined Thermal Solutions	75 to 80 mm
13/5021 PS1	Stylite T Beam and Stylite T Beam Plus	Styrene Packaging and Insulation Ltd	75 mm
17/5431 PS2	Warm Beam Top Sheet System (minimum grade of EPS top sheet is 120 kPa)	S and B EPS Ltd	75 mm
20/5829 PS1	Jablite Thermal Floor System Incorporating Structural Boards	Bewi Insulation & Construction (UK) Ltd	65 mm
16/5360 PS1	TS System	Rackham Housefloors Ltd	75 mm

The BBA has awarded this Product Sheet to Agrément Certificate 21/5872, to the company named above for SikaFiber-1050 B&BA HF.

On behalf of the British Board of Agrément

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Hardy Giesler
Chief Executive Officer

Originally certified on 11 March 2021

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A detailed description of each floor system is given in the relevant Certificate. SikaFiber-1050 B&BA HF must be incorporated in a system which is designed, installed and used strictly in accordance with Product Sheet 1 of this Certificate and the relevant floor system Certificate.

Prior to installation, a suitably experienced and competent engineer must assess the system to ensure that the floor design and detailing is adequate to resist the applied loads. SikaFiber-1050 B&BA HF may be used in concrete toppings in single-family dwellings where the applied loads do not exceed the values shown in Table 2. The BBA has not assessed the product for use in communal areas of blocks of flats or commercial buildings, or where the design loads are greater than those stated in Table 2.

Table 2 Maximum characteristic loads for single-family dwellings

Description	**Maximum characteristic loads for single-family dwellings**
Imposed uniformly distributed load (UDL) ($kN \cdot m^{-2}$)	1.5(1)
Imposed concentrated load (kN)	2.0(1)(2)
Line load partition parallel and perpendicular to the beam ($kN \cdot m^{-1}$)	3.0(3)
Allowance for moveable partition ($kN \cdot m^{-2}$)	1.0(3)(4)
Finishes ($kN \cdot m^{-2}$)	0.5

(1) Imposed concentrated load must not be combined with the imposed UDL or other variable actions.
(2) Imposed concentrated load is assumed to be applied over a square plate not less than 50 by 50 mm.
(3) Either the imposed load for lightweight partitions (moveable) or line load partition must be considered.
(4) Non-load bearing partition walls heavier than 3 $kN \cdot m^{-1}$, in any orientation with respect to the concrete beams, must either be supported by the foundation or bear directly on the concrete beams.