



Building Research Institute

Research studies | Development work | Accredited Laboratory Complex |
Notified body no. 1488 | EOTA Member | Certified management systems ISO 9001, ISO 27001

FIRE TESTING DEPARTMENT | 02-656 Warszawa | ul. Ksawerów 21 | tel. 22 853 34 27 | fax 22 847 23 11 | fire@itb.pl | www.itb.pl

Magdalena Owsiany-Sidor M.A.
Certified Translator of the English Language
ul. J. Lea 158/15, 30-133 Kraków
Tel. (+48) 12-636-46-74
Mobile (+48) 601-19-09-04



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BLACHPROFIL 2 Spółka z o.o.

ul. Nadwiślańska 11/139
30-527 Kraków

ITB Paper no. 02110.2/17/Z00NZZ

Technical opinion regarding the fire resistance of the load bearing part of layered roofs, in relation to the requirements in § 219 par. 1 of the Regulation of the Minister of Infrastructure of April 12, 2002 on technical conditions to be fulfilled by buildings and their location (Dz. U. 75, item 690, as amended)

The Fire Testing Department at the Building Research Institute believes that the load bearing part of layered roofs made from BLACH PROFIL 2 Spółka z o.o. trapezoid steel sheet, executed according to a description in the ITB classification for fire resistance no. 1262/17/Z00NZZ, classified as per the criteria of standard PN-EN 13501-2:2016-07 in the fire resistance class of RE15 or higher, meets the requirements set out in § 219 par. 1¹ of the Regulation² on separating the flammable thermal insulation of the roof covering from the inside of the building, with a fire-wall, in the fire resistance class not lower than RE 15.

The Fire Testing Department at the Building Research Institute concludes that there is no need to manufacture supporting structure elements (roof structure), i.e. girders, purlins or transoms in a R 15 fire resistance class or higher, as set out in the ITB paper no. 1262/17/Z00NZZ, provided that the requirements in the scope of fire resistance arise solely from § 219 par. 1¹ of the Regulation².

The opinion remains valid, provided that the stipulations of § 219 par. 1¹ of the Regulation² remain unchanged.

Prepared by:

Paweł Roszkowski, M.Sc., Eng.

p.p. HEAD
of the Fire Testing Department

Paweł Roszkowski, M.Sc., Eng.

¹ The covering of a roof with an area greater than 1 000 m² should be fire retardant, and the flammable thermal insulation should be separated from the inside of the building with a fire-wall of fire resistance class not lower than R E 15

² Regulation of the Minister of Infrastructure of April 12, 2002 on technical conditions to be fulfilled by buildings and their location (Dz. Ust. No. 75 item 6901, as amended (Dz. U. 2015 item 1422 i.e.))

I, Magdalena Owsiany-Sidor, a certified translator of the English language, certify that the foregoing is a complete, true and accurate translation of the document submitted to me.

Magdalena Owsiany-Sidor M.A.
Certified Translator of the English Language
ul. J. Lea 158/15, 30-133 Kraków
Tel. (+48) 12-636-46-74
Magdalena Owsiany-Sidor 19-09-04



Magdalena Owsiany-Sidor
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