



## EXCELLENT ACOUSTICS FOR A SCHOOL CANTEEN

**Location:** Radotin, Prague, Czech Republic  
**Product(s) used:** Tektalan A2 panels  
**Building:** School canteen extension, Radotin Primary School  
Školní jídelna Praha - Radotin  
**Client:** VLLNNA s.r.o., Prague

When the award-winning Czech Republic Architectural firm, Vllnna, was awarded the contract to design an extension to a school canteen in Radotin it was not surprising that it would be constructed to very high ecological and environmental standards.

After all, Vllnna has built an enviable reputation for designing fine timber properties.



## The Challenge:

The new extension to the canteen at the Prague Radotin Primary School seats 300 people and serves more than 1,200 lunches a day. It also caters to pupils at a nearby Grammar School and for local pensioners. Thanks to modern technology, it has the capacity for more than 1,500 lunches.

The canteen and the schools are in Prague 16, one of the 57 districts in the city.

Radotin is in a quiet area on the left bank of the river Berounka, on the southwestern edge of Prague.

However, serving lunches for several hours a day the canteen can be quite lively, so one of the primary requirements for the extension was that it should have excellent acoustics. All the materials used also needed to meet very high standards of fire safety.



## The Solution:

The solution was to use Heraklith® Tektalan A2 panels which combine wood wool with a rock mineral wool insulation. This best in class Heraklith panel has outstanding fire-resistant, thermal and acoustic performance.

Comprehensive international fire testing has shown that structures using Tektalan A2 panels achieve a fire-resistance of 180 minutes, provided they are treated in accordance with Classification Report no. 18203 /18204 and European norm EN 1365-2 / EN 13501-2.

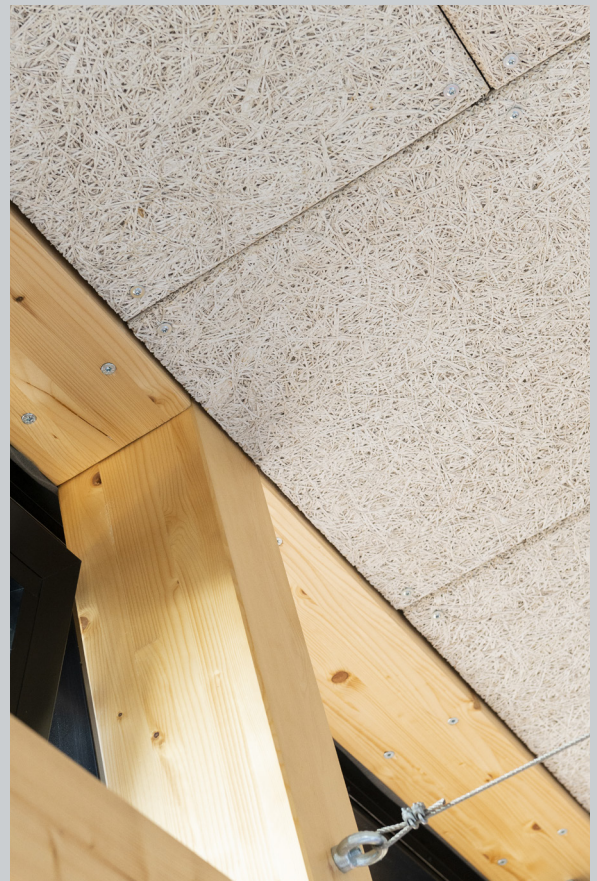
Tektalan A2 panels also work as a heat shield, ensuring the integrity of the structure for a longer period in the event of a fire.

Tektalan A2 is produced with PEFC certified wood and a fibre width of 2 mm as standard. The panels are factory finished with a natural tone colour spray and bevelled all round. They are easy and fast to install.

Heraklith® wood wool boards are produced with green energy and from environmental friendly materials, 100% PEFC certified wood and a natural binder. Heraklith® offers a wide variety of insulation products to help create quiet and undisturbed home, work and entertainment spaces.

Thanks to Heraklith® Tektalan A2 panels, the canteen at Radotin Primary School now offers a very attractive and comfortable space for both children and pensioners to enjoy lunches prepared under the supervision of a nutritionist.

Heraklith® offers a wide variety of insulation products to help create quiet and undisturbed home, work and entertainment spaces.



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