



Himmelbyen, 2017-2019. Architect: The Seasons.
Photo: Terkel Bo Grum-Schwensen. ©Bergsten Timber AS

Fire Retardant Lunawood ThermoWood®

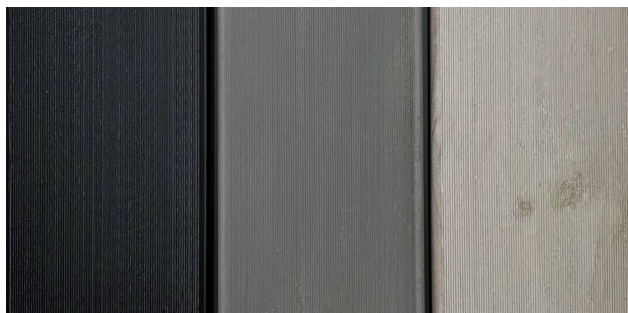
Lunawood ThermoWood® products are also available as fire retardant, further expanding the possibilities of using Lunawood in architecture. Using the impregnation method, Lunawood ThermoWood® meets the required fire class B for the facade structures subject to Euro code EN 13501.

The BurnBlock® technology and method used is a documented, CE-marked treatment process that provides uniform fire protection without the risk of leaching and the need for maintenance. Planed, flat tongued and grooved Lunawood products achieve fire class B-s1,d0, while 3D Lunawood products are tested to fire class B-s2,d0.

Throughout impregnated with fire retardant does effect on neither the visual appearance nor the original technical properties of Lunawood. The treatment is durable in all climates without the risk of leaching.

Available in three earthy colors

Lunawood offers also painted fire retardant products conducted by CE-certified painter Partner. Color options light-grey and mid-grey are suitable both indoor and outdoor, whereas the black surface treatment is only for outdoor use.



Outdoor: Black, Mid-Grey, Light-Grey

Indoor: Mid-Grey, Light-Grey



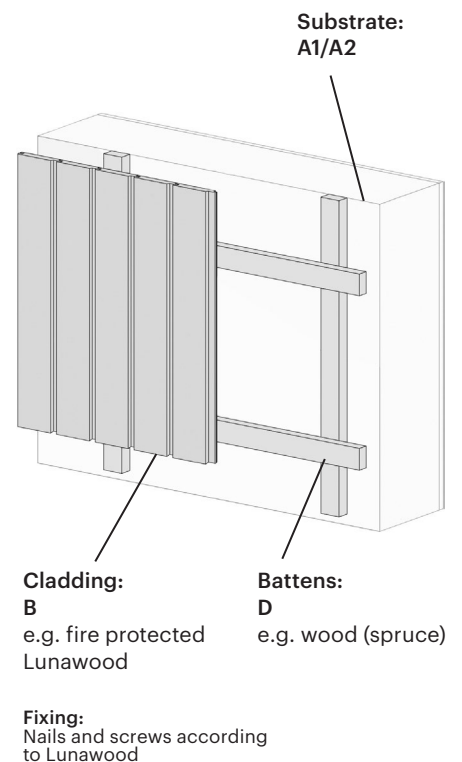
Structural requirements

Any substrate of at least 12 mm thickness and with a density equal to or greater than 525 kg/m³ needs to meet fire classification of A1 or A2-s1,d0. Support battens are of wood in fire class D or of aluminium. The cladding ought to meet fire classification of B.

Ventilation gap in closed structures, i.e., for tongue&groove products according to Lunawood installation guide for facades. Open constructions need to be tested and approved separately.

Installation and fastening with nails and screws according to Lunawood's instructions.

Product	Fire class	Usage	Note
Flat, min. 19 mm thick tongue&groove Lunawood Thermowood of Nordic Spruce and Pine	B-s1,d0	Outdoor and indoor use	
3D-look products	B-s2,d0	Outdoor and indoor use	In indoor use: Needs to be checked with fire authority
Battens	B-s1,d0	Outdoor and indoor use	Needs to be fire tested as a whole structure



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