

FireZone™ VANGUARD RADIATA PINE PLYWOOD is a New Zealand produced plywood, locally treated with FireZone™ VANGUARD FP fire retardant treatment.

Zone has collaborated with two New Zealand owned companies, Skape Panels and IPL Ply with the goal of supplying, New Zealand grown, manufactured and fire rated plywood into the local market.

Skape and IPL come with decades of experience in the New Zealand plywood industry, combining with Zone's long-standing expertise in fire rating timber locally in New Zealand.

PLYWOOD

Sustainably grown and manufactured New Zealand Radiata Pine.

SPECS

<i>Sheet Size:</i>	2400x1200mm
<i>Thickness:</i>	12mm
<i>Grade:</i>	S/D
<i>Bond:</i>	'Marine' A Bond
<i>Face Veneer:</i>	2.5mm thick decorative S Grade
<i>Formaldehyde:</i>	Super EO – less than 0.3mg/l

RECOMMENDED USE

Suitable for C/AS2 commercial, hospitality, education and health care. Typical end use is wall and ceiling linings requiring a Group 1-S or Group 2-S fire rating.

LIMITATIONS

FireZone Vanguard Radiata Plywood is untreated from a durability perspective. Limited to interior dry C1 and C2 environments. Contact Zone's technical team for guidance and options for moisture rich/ external applications.

The use of untreated plywood panels in internal damp applications is subject to specific design and design consideration with E3 internal moisture of the New Zealand Building Code clause.

Non-structural appearance grade plywood.

STORAGE AND HANDLING

The plywood must be stored in a well-ventilated interior environment. Do not store outside. It must be stored flat, with minimum 100mm ground clearance and supported uniformly with dunnage to avoid distortion of the sheets.

INSTALLATION AND HANDLING

For specific installation and handling guidance, please refer to Skape Panels Non-Structural Plywood – Installation and Handling Guide – V1 02.26.

FIRE RETARDANT SYSTEM

FireZone Vanguard FP fire retardant treatment system is used to impregnate the plywood locally in Auckland.

The fire retardant is pressure treated into every cell and veneer of the plywood, allowing for sanding, CNC,

cutting and routing without compromising the fire rating performance.

FIRE PERFORMANCE

Tested to EN13501-1:2018 and ISO5660:1 and compliant with NZBC C/AS2 Clause 4.12 achieving a Group 1-S classification.

SUSTAINABILITY

- 100% Natural substances
- 100% Biodegradable
- Non-toxic
- No contents listed on the SVHC – List of substances of very high concern- REACH
- Redlist Free
- Cradle to Cradle Certified – Gold Level
- pH Neutral
- Does not induce corrosion on fixings
- Zero VOC emissions

DURABILITY – FIRE PERFORMANCE

VANGUARD FP fire retardant does not add or detract from the natural durability of timber. The fire rating will last for the life-time of the timber substrate according to EN16755:2017.

MAINTENANCE

The fire performance of VANGUARD FP treated timber will last for the life of the timber substrate. According to EN16755:2017: No maintenance of the Vanguard system is required.

The optional HD clear coat finish and stains may require maintenance in the future. But it not required to maintained fire rating.

FIXINGS

No limitations on fixings for VANGUARD FP treated pine radiata plywood.

FINISHES

1. Unfinished – raw exposed plywood finish
2. Stained Finish – compatible stains are available – contact Zone’s technical team for up to date guidance
3. High Durability Clear coat – prefinished compatible matt clear coat with high scratch, moisture and chemical resistance for serviceability.

PANEL TYPE

- Solid plywood panel
- Perforated options available – contact Zone directly

VANGUARD FP SPECIFICATION

VANGUARD FP can be specified using Masterspec section 6742FB. Contact Zone for specification assistance.

TERMS AND CONDITIONS

Please refer to Zone Architectural Products Terms and Conditions available at www.zone.net.nz