



Antivlam

Fire-retardant chipboard for use in dry environments

The addition of halogen-free phosphate salts gives the MUF-glued Antivlam chipboard powerful fire-retardant characteristics (European classification B-s1, d0). Fires in Antivlam go out by themselves and the boards do not continue to glow after the source of heat has been taken away. What is more, Antivlam chipboard retains its mechanical strength for a long time in the event of a fire. Antivlam must be used in service class 1 (limitations in terms of temperature and atmospheric humidity), and is only suitable for biological hazard class 1 of EN Standard 335-3. Direct contact with water is to be avoided at all times.

Applications

- Walls
- Floors
- Interior

Characteristics



Product class P2



Fire retardant



Tongue-and-groove joints (optional)



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Applications

Antivlam chipboard is suitable for applications where low reactivity to fire and flame spread is essential (stairwells, exit routes, lift shafts, corridors etc.). Antivlam also offers an excellent solution for applications with higher resistance to fire, such as the core of fire doors or as a firewall. The fire-retardant chipboard is mainly used in public buildings such as hospitals, airports, retirement homes, theatres, hotels etc.

An optional finish with tongue-and-groove joints means that Antivlam is also suitable for use as a subfloor in dry environments. These panels can also be used in vertical applications.

Always use suitable tools when sawing, milling or drilling Antivlam boards. Fire-retardant products may cause deposits on tools and shorten service life.

Technical specifications

| General characteristics + Standard | Unit | Average values | | | | | |
|--------------------------------------|-------------------|------------------------|------|------|------|------|------|
| Thickness EN 324-1 | mm | 10 | 12 | 16 | 18 | 19 | 22 |
| Moisture level EN 322 | % | 6-10 | 6-10 | 6-10 | 6-10 | 6-10 | 6-10 |
| Technical characteristics + Standard | | 5/95 percentile values | | | | | |
| Bending strength EN 310 | N/mm ² | 11 | 11 | 11 | 11 | 11 | 10,5 |
| Internal bond EN 319 | N/mm ² | 0,4 | 0,4 | 0,35 | 0,35 | 0,35 | 0,3 |
| Bending stiffness EN 310 | N/mm ² | 1800 | 1800 | 1600 | 1600 | 1600 | 1500 |
| Surface soundness EN 311 | N/mm ² | 0,8 | 0,8 | 0,8 | 0,8 | 0,8 | 0,8 |
| Reaction to fire EN 13501-1 | | B-s1,d0 | | | | | |

Antivlam meets the general requirements and comes under formaldehyde emission class E1 as described in Table 1 of EN Standard 312.

Available dimensions and thicknesses

Antivlam is available from stock in various finishes, thicknesses and dimensions. Consult the complete UNILIN Panels stock range at www.unilinpanels.com.

For our technical capabilities on custom thicknesses and dimensions, as well as minimum order requirements, please contact our sales team or email info.panels@unilin.com.

Certificates

UNILIN Division Panels is actively committed to sustainable forest management. Antivlam is available on demand with PEFC and FSC® labelling.

